

**NASA**

**Aerospace Medicine  
and Biology**  
1978 Cumulative  
Index

NASA SP-7011 (189)  
January 1979

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National Aeronautics and  
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## SUPPLEMENTS COVERED IN THIS INDEX

<i>Document</i>	<i>Page Range</i>	<i>Date</i>	<i>Coverage</i>
NASA SP-7037(177)	1-16	February 1978	January 1978
NASA SP-7037(178)	17-46	March 1978	February 1978
NASA SP-7037(179)	47-69	April 1978	March 1978
NASA SP-7037(180)	71-97	May 1978	April 1978
NASA SP-7037(181)	99-127	June 1978	May 1978
NASA SP-7037(182)	129-151	July 1978	June 1978
NASA SP-7037(183)	153-189	August 1978	July 1978
NASA SP-7037(184)	191-210	September 1978	August 1978
NASA SP-7037(185)	211-234	October 1978	September 1978
NASA SP-7037(186)	235-256	November 1978	October 1978
NASA SP-7037(187)	257-288	December 1978	November 1978
NASA SP-7037(188)	289-319	January 1979	December 1978

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The abstract sections of the monthly supplements of *Aerospace Medicine and Biology* can be bound separately. Individual abstracts can be located readily by means of the page numbers given at each entry, e.g., p0284 N78-31730. To assist the user in binding Supplements SP-7011(177) through SP-7011(188), a title page is included in the back of this Cumulative index.

**A CUMULATIVE INDEX  
TO  
A CONTINUING BIBLIOGRAPHY ON  
  
AEROSPACE MEDICINE  
AND BIOLOGY**

**This Cumulative Index supersedes the indexes  
contained in supplements [SP-7011 (177)  
through SP-7011 (188)], published by NASA  
during 1978.**



**Scientific and Technical Information Branch**

**National Aeronautics and Space Administration**

**Washington, DC**

**1979**



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# INTRODUCTION

## WHAT THIS CUMULATIVE INDEX IS

This publication is a cumulative index to the abstracts contained in NASA SP-7011(177) through NASA SP-7011(188) of *Aerospace Medicine and Biology A Continuing Bibliography*, NASA SP-7011, by means of supplements, serves as a current abstracting and announcement journal for references on bioscience and biotechnology. It has been compiled through the cooperative efforts of the American Institute of Aeronautics and Astronautics (AIAA), and the National Aeronautics and Space Administration (NASA). Entries prepared by the two contributing organizations are identified as follows:

- 1 NASA entries by their *STAR* accession numbers (N78-10000 series)
- 2 AIAA entries by their *IAA* accession numbers (A78-10000 series)

## HOW THIS CUMULATIVE INDEX IS ORGANIZED

This Cumulative Index includes a subject index, a personal author index, and a corporate source index.

## HOW TO USE THE SUBJECT INDEX

Two types of cross-references appear in the subject index:

- 1 Use (U) references indicate that the subject term is not "postable," i.e., not a valid term, and that the following term or terms are used instead. For example:

DOSE

U DOSAGE

AIRLINERS

U COMMERCIAL AIRCRAFT

U PASSENGER AIRCRAFT

- 2 Narrower Term (NT) references refer the user to more specific headings in the same subject area, under which additional material on the subject may be found. For example:

FATIGUE (BIOLOGY)

NT AUDITORY FATIGUE

NT FLIGHT FATIGUE

NT MUSCULAR FATIGUE

In addition, a searcher may use the title or title and title extension in the index to narrow further his quest for particular items; this is because subject terms can readily include more than one class of document. For example:

BIOLOGICAL EFFECT

Vibratory force effect upon

biological systems, particularly

human organism

Biological effect of cosmic and

solar radiations on human

body at high altitudes

illustrates a case where two references on different topics are listed under the same subject term.



## HOW TO USE THE PERSONAL AUTHOR INDEX

All personal authors used in the abstract-section citations in the individual Supplements appear in the index. Differences in translation schemes may require multiple searching of the index for variants of an author's name. For example

EMELIANOV, M D  
and  
YEMELYANOV, M D

## HOW TO USE THE CORPORATE SOURCE INDEX

The corporate source index entries are abridged versions of the corporate sources used in the abstract-section citations in the individual Supplements. The corporate source supplementary (organizational component) does not appear in the index. For example

NEW MEXICO STATE UNIV, LAS CRUCES DEPT OF BIOLOGY (Source citation entry)  
NEW MEXICO STATE UNIV LAS CRUCES (Source index entry)

## IDENTIFICATION OF DESIRED SUPPLEMENT

The abstract and descriptive cataloging for any accession number selected from the indexes may be found in the appropriate Supplement. The page-number range of each Supplement appears on the inside front cover of this index. Once the range of page numbers containing the elected accession number is located in the second column, the desired Supplement number will be found in the first column. For example

Page 191 will be found in Supplement 184

## AVAILABILITY OF DOCUMENTS

Information concerning the availability of documents announced in *Aerospace Medicine and Biology* supplements is found in the Introduction to the most currently issued monthly supplement

# TABLE OF CONTENTS

	<b>Page</b>
<b>Subject Index</b> . . . . .	<b>A-1</b>
<b>Personal Author Index</b> . . . . .	<b>B-1</b>
<b>Corporate Source Index</b> . . . . .	<b>C-1</b>



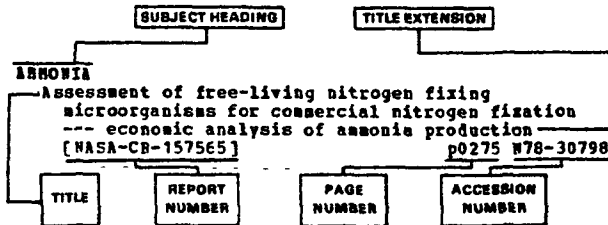
# SUBJECT INDEX

AEROSPACE MEDICINE AND BIOLOGY / a continuing bibliography

JANUARY 1979

1978 Cumulative Index

## Typical Subject Index Listing



The title is used to provide a description of the subject matter. When the title is insufficiently descriptive of the document content a title extension is added separated from the title by three hyphens. The NASA or AIAA accession number is included in each entry to assist the user in locating the abstract in the abstract section of this supplement. If applicable a report number is also included as an aid in identifying the document.

## A

### ABERRATION

A subjective method for the measurement of monochromatic aberrations of the eye

p0036 A78-16083

### ABIOGENESIS

Interstellar grains as possible cold seeds of life

p0002 A78-11590

The formation of protobiological compounds during the eruption of the Tolbachik volcano

p0002 A78-11786

Deuterolysis of amino acid precursors - Evidence for hydrogen cyanide polymers as protein ancestors

p0024 A78-14127

Phosphorus, a key to life on the primitive earth

p0026 A78-14680

Is there extraterrestrial life

p0036 A78-16766

The evolution of the protein synthesis system. I - A model of a primitive protein synthesis system

p0056 A78-19363

Until the sun dies --- Book on origin of universe, life and intelligence on earth

p0084 A78-24100

Interstellar dust grains as possible cold germs of life

p0137 A78-30840

Chance and the origin of life --- chemical evolution on early earth

p0138 A78-31376

Abiogenic synthesis of molecular complexes from amino acids and porphyrins discussed in reference to the problem of prebiological evolution

p0154 A78-33895

The origin of life. I - The pre-biotic era. II - Monomers to polymers

p0198 A78-38448

Chemical evolution and the origin of life

p0260 A78-47845

Genetic code correlations - Amino acids and their anticodon nucleotides

p0260 A78-47888

Formation of early earth regolith --- origins of life

p0289 A78-50277

Chemical evolution and the origin of life - Bibliography supplement 1976

p0303 A78-53875

### ABNORMALITIES

NT FEAR OF FLYING

NT NEUROSES

### FT PROBIAS

#### ABSORBENTS

Sweat collection capsule [NASA-CASE-ARC-11031-1] p0181 N78-22720

Molecular sieve generation of aviator's oxygen: Breathing gas composition as a function of flow, inlet pressure, and cabin altitude

[AD-A054240] p0278 N78-30822

#### ABSORPTION

Renal sodium reabsorption following induction of and recovery from volume expansion

p0049 A78-17647

### AC (CURRENT)

#### U ALTERNATING CURRENT

#### ACCELERATION

Subjective motion and acceleration induced by the movement of the observer's entire visual field

p0271 A78-48824

#### ACCELERATION (PHYSICS)

##### NT ANGULAR ACCELERATION

##### NT HIGH ACCELERATION

##### NT HIGH GRAVITY ENVIRONMENTS

##### NT IMPACT ACCELERATION

##### NT TRANSVERSE ACCELERATION

Mutations of sunflower seedlings on tilted clinostats

p0031 A78-15209

Development and validation of drive concepts for an advanced G-cuing system --- fighter/attack aircraft flying training simulators

[AIAA 78-1571] p0289 A78-50652

Development of the Advanced G Cuing System --- tactical flight simulators

[AIAA 78-1572] p0289 A78-50653

The effect of helmet loader G-cueing on pilot's simulator performance

[AIAA 78-1573] p0290 A78-50654

Sudden loss of consciousness in pilots with low intraocular pressure during exposure to G forces

p0117 A78-18737

The measurement of acoustical parameters and transducer accelerations in pulsatile echo-encephalography

p0144 A78-20751

Human endurance of recurrent +G sub x accelerations

p0175 A78-22670

Functional state of the rat liver under the primary deleterious effect of impact accelerations

p0175 A78-22677

#### ACCELERATION STRESSES (PHYSIOLOGY)

##### NT CENTRIFUGING STRESS

Transfer functions for eye-level blood pressure during +Gz stress

p0018 A78-13267

Remarks on tonal threshold and voice discrimination during negative acceleration in normal subjects and in subjects who have undergone endolymphatic-cerebrospinal fluid shunt operations

p0020 A78-13512

Anti-G suit effect on cardiovascular dynamic changes due to +Gz stress

p0032 A78-15516

Human physiological responses during swinging with periodict rotations

p0072 A78-21182

Physiological responses under the action of Coriolis acceleration

p0072 A78-21183

Response of endocrine glands to the directional action of impulsive acceleration

p0072 A78-21372

Mathematical modeling of the head and neck response to -G/x/ impact acceleration /minimum articulation requirements/

p0072 A78-21372

## ACCELERATION TOLERANCE

## SUBJECT INDEX

- Comprehensive, three-dimensional head-neck model for impact and high-acceleration studies p0075 A78-21715
- Prediction of head/neck dynamic response of selected military subjects to -G/x/ acceleration p0075 A78-21716
- Predictive model of dynamic response of the human head/neck system to -G/x/ impact acceleration p0075 A78-21717
- Mathematical model of the cardiovascular system under acceleration stress p0076 A78-21718
- Effect of force environment on regional pulmonary displacements and volumes in dogs p0077 A78-21724
- Visual work capacity under the action of overloads and elevated temperature p0103 A78-26924
- Effect of impulse accelerations on the condition of the cardiovascular system of healthy people p0263 A78-47972
- Some effects of acceleration in man and chimpanzees --- gravitational effects p0296 A78-52274
- Effect of acceleration on brain metabolites [DLR-18-355-76/05] p0009 N78-11668
- Studies of circulation during LBNP test aboard Salyut-4 orbital stations p0044 N78-13733
- Dynamic response of human and primate head and neck to lateral Gy impact statement [PB-275448/9] p0115 N78-18719
- The effect of energy absorbing devices on spinal loads resulting from minus G(x) acceleration p0146 N78-20770
- Some problems of pathogenesis of respiratory disorders occurring at +G sub z accelerations combined with breathing pure oxygen p0181 N78-22717
- Investigation of possibility of using lower body negative pressure test for screening cosmonaut candidates p0184 N78-23714
- Changes in electrocerebellograms and automatic reactions of rats to accelerations p0305 N78-32674
- On the possible role of lysosomal proteinases in the biological effects of accelerations p0307 N78-32684
- Regional redistribution of blood during the immediate aftereffect period following exposure of rats to transverse accelerations p0307 N78-32685
- ACCELERATION TOLERANCE p0308 N78-32693
- Motion sickness and otolith sensitivity - A pilot study of habituation to linear acceleration p0018 A78-13272
- The effect of increased gravitational stress on bone p0030 A78-15206
- Psychogenic G-force intolerance revisited p0079 A78-21747
- Comparison of several G-tolerance measuring methods at various seatback angles p0101 A78-26732
- Histological studies of eyeballs of experimental animals subjected to accelerations p0106 A78-28319
- Behavior of certain biochemical indices of the blood of rats subjected to +Gz accelerations according to different programs in tests to the tolerance limit p0106 A78-28320
- Influence of specific and nonspecific training on +Gz acceleration tolerance of rats p0106 A78-28321
- Experimental study of some aspects of motion sickness pathology p0160 A78-35900
- Hormonal indices of tolerance to +Gz acceleration in female subjects --- personnel selection in Shuttle program p0215 A78-41162
- A temporary threshold shift for self-motion detection following sustained, oscillating linear acceleration p0216 A78-41810
- Use of vectorcardiography for the detection of +Gz-related cardiac pathology in miniature swine p0241 A78-46410
- Medical evaluation of G-sensitive aircrewmembers p0242 A78-46416
- Realignments of the cardiovascular system of a human operator under the action of negative gravity p0270 A78-48760
- Pilot tracking performance as a function of G stress and seat back angle [AD-A047950] p0006 N78-10695
- The rhesus (Macaca mulatta) and crab-eating (Macaca fascicularis) monkeys in cardiovascular and aerospace research p0011 N78-11680
- Protection of the cardiopulmonary systems against the injurious effects of acceleration [AD-A050142] p0149 N78-21755
- ACCELEROMETERS
- A detailed performance evaluation of subminiature piezoresistive accelerometers p0048 A78-17407
- A miniature integrated circuit accelerometer for biomedical applications p0229 N78-27748
- ACCIDENT INVESTIGATION
- NT AIRCRAFT ACCIDENT INVESTIGATION
- ACCIDENT PROMENESS
- Epidemiologic investigation of occupation, age, and exposure in general aviation accidents p0018 A78-13274
- ACCIDENTS
- NT AIRCRAFT ACCIDENTS
- ACCLIMATIZATION
- NT ALTITUDE ACCLIMATIZATION
- NT COLD ACCLIMATIZATION
- NT HEAT ACCLIMATIZATION
- Prevention of human deconditioning during prolonged immersion in water p0030 A78-15202
- Evidence for cerebral extracellular fluid H<sup>+</sup>/ as a stimulus during acclimatization to hypoxia p0140 A78-32040
- ACCOMMODATION
- NT VISUAL ACCOMMODATION
- ACCRETION
- U DEPOSITION
- ACETALDEHYDE
- Experimental substantiation of maximum permissible concentrations of acetone and acetaldehyde in reclaimed potable water p0185 N78-23722
- ACETAZOLAMIDE
- Implantable telemetry system for intracranial pressure monitoring and its application for acetazolamide study p0229 N78-27743
- ACETONE
- Experimental substantiation of maximum permissible concentrations of acetone and acetaldehyde in reclaimed potable water p0185 N78-23722
- ACETYL COMPOUNDS
- Acute and sub-acute inhalation toxicity of peroxyacetyl nitrate and ozone in rats p0024 A78-14192
- Choline acetyltransferase activity in heart - Evidence for neuronal and not myocardial origin p0055 A78-19144
- ACID BASE EQUILIBRIUM
- Analysis of postcapillary pH changes in blood in vivo after gas exchange p0193 A78-36608
- Intracellular pH and bicarbonate concentration in human muscle during recovery from exercise p0297 A78-52545
- Parameters of acid-base equilibrium and enzymatic activity of blood in man during brief antiorthostatic hypokinesia p0110 N78-18687
- ACIDS
- NT ALANINE
- NT AMINO ACIDS
- NT ASCORBIC ACID
- NT BUTYRIC ACID
- NT CYSTEINE
- NT DEOXYRIBONUCLEIC ACID
- NT FATTY ACIDS
- NT GLUTAMIC ACID
- NT GLUTAMINE



# SUBJECT INDEX

# ADAPTATION

- NT GLUTATHIONE  
 NT GLYCINE  
 NT HYDROCYANIC ACID  
 NT LACTIC ACID  
 NT METHIONINE  
 NT NUCLEIC ACIDS  
 NT OXIDASE  
 NT PEPTIDES  
 NT PYRIDINE NUCLEOTIDES  
 NT RIBONUCLEIC ACIDS  
 NT THYROXINE  
**ACOUSTIC ATTENUATION**  
 Service life analysis of the SPH-4 aviator helmet  
 p0018 A78-13271
- ACOUSTIC FATIGUE**  
 Noise exposure, monitoring and tracking  
 performance as a function of signal bias and  
 task priority  
 p0195 A78-36676  
 Application of commercially available filter  
 components for psychoacoustic testing  
 p0273 A78-49898
- ACOUSTIC MEASUREMENTS**  
 NT NOISE MEASUREMENT  
 Acoustic evaluation of an aircraft canopy fracture  
 emergency egress system  
 p0141 A78-32136  
 Comparison of auditory critical bands measured by  
 loudness summation and acoustic reflexes  
 p0224 A78-26721  
 Comparisons among auditory reaction time loudness  
 and certain characteristics of the acoustic reflex  
 p0224 A78-26723  
 Tissue identification by ultrasound  
 [NASA-CR-157776]  
 p0314 A78-33716
- ACOUSTIC PROPERTIES**  
 NT SOUND INTENSITY  
**ACOUSTIC SIMULATION**  
 Fledding into inner ears of chinchillas caused by  
 simulated sonic boom  
 p0294 A78-51847
- ACOUSTICAL HOLOGRAPHY**  
 Development and evaluation of an ultrasonic  
 imaging system  
 [PB-279834/6]  
 p0284 A78-31729
- ACOUSTICS**  
 NT BIOACOUSTICS  
 NT PSYCHOACOUSTICS  
 Diagnostic improvements in medical ultrasonic  
 imaging systems  
 p0281 A78-31710
- ACQUISITION**  
 NT TARGET ACQUISITION
- ACRYLONITRILES**  
 Acrylonitrile  
 [PB-280478/9]  
 p0310 A78-32713
- ACTH**  
 U ADRENOCORTICOTROPIN (ACTH)
- ACTINOMYCETES**  
 Apollo-Soyuz test project on biorhythms of  
 zone-forming fungi - Results of experiments  
 p0031 A78-15214
- ACTIVATION (BIOLOGY)**  
 Defensive activation toward noise  
 p0240 A78-45509  
 Effect of gravity on lymphocyte activation  
 p0267 A78-48604
- ACTIVE VOLCANOES**  
 U VOLCANOES
- ACTIVITY (BIOLOGY)**  
 The Viking biological investigation - General  
 aspects  
 p0002 A78-11451  
 Multichambered self-oscillating models of  
 biological systems with nonspecific inhibition  
 of active transport  
 p0213 A78-41009  
 Concerning structural problems of biological  
 thermodynamics  
 p0214 A78-41017  
 Characterization and study of the mechanism of the  
 thymus factor /thymarine/  
 p0241 A78-45988  
 Degradation of biochemical activity in soil  
 sterilized by dry heat and gamma radiation  
 p0303 A78-53874  
 The effect of age and activity level on  
 fractionated response and reflex time  
 p0143 A78-20746
- The biological activity of the disturbed  
 geomagnetic field  
 p0163 A78-22571  
 An inductively powered telemetry system for  
 temperature, EKG, and activity monitoring  
 [NASA-TN-78486]  
 p0183 A78-23706  
 Biological productivity in fresh water  
 environments, volume 2. A bibliography with  
 abstracts  
 [NTIS/PS-78/0293]  
 p0203 A78-24786
- ACTIVITY CYCLES (BIOLOGY)**  
 Inversion of the sleep wakefulness pattern -  
 Effects on circadian variations in  
 psychophysiological activation  
 p0019 A78-13476  
 Human circadian rhythms in resting and exercise  
 pulse rates  
 p0019 A78-13477  
 Investigation of the bioelectrical activity of the  
 brain under conditions of varied 24 hour lifecycle  
 p0022 A78-13590  
 Environmental synchronizers of squirrel monkey  
 circadian rhythms  
 p0033 A78-15520  
 Circadian rhythm dissociation in an environment  
 with conflicting temporal information  
 p0299 A78-52699  
 Circadian dyschronism and chronotypic ecophilia as  
 factors in aging and longevity  
 [CONF-770412-1]  
 p0044 A78-13731
- ACUITY**  
 NT VISUAL ACUITY
- ADAPTATION**  
 NT ACCLIMATIZATION  
 NT ALTITUDE ACCLIMATIZATION  
 NT COLD ACCLIMATIZATION  
 NT DARK ADAPTATION  
 NT HEAT ACCLIMATIZATION  
 NT LIGHT ADAPTATION  
 NT RETINAL ADAPTATION  
 Observable effects in and human adaptation to  
 rotating environments  
 p0047 A78-17192  
 Hypokinesia and readaptation /physiological aspects/  
 p0072 A78-21184  
 Bidirectional overadaptation achieved by executing  
 leftward or rightward head movements during  
 unidirectional rotation  
 p0078 A78-21733  
 Modelling heart structure changes during  
 adaptation to large loads  
 p0084 A78-24249  
 Oscillatory phenomena in the simulation of the  
 long-term adaptation of the heart  
 p0084 A78-24574  
 Influence of adaptation to hypoxia on the  
 dependence of internal respiration on  
 temperature and oxygen tension in vitro  
 p0100 A78-26610  
 Incremental exposure facilitates adaptation to  
 sensory rearrangement --- vestibular stimulation  
 patterns  
 p0100 A78-26729  
 Study of sleep in shift workers with alternating  
 schedules - Adaptation and recovery in the case  
 of rapid shift rotation /3-4 days/  
 p0103 A78-26747  
 Parameters of CNV as indicators of integrative and  
 adaptive processes during different functional  
 states of the central nervous system ---  
 Contingent Negative Variation  
 p0129 A78-28492  
 Tolerance and cross-tolerance using NO2 and O2. I  
 - Toxicology and biochemistry  
 p0130 A78-29030  
 Visual adaptation to patterns containing  
 two-dimensional spatial structure  
 p0137 A78-30741  
 Compensatory and adaptive responses of the  
 mesentery microcirculation bed in rats  
 undergoing hypoxia  
 p0137 A78-31250  
 Hypodynamia and the cardiovascular system ---  
 Russian book  
 p0197 A78-37884  
 Physiological effects of varying gravity  
 p0198 A78-38751  
 Simulation of heart structural changes upon  
 adaptation to large loads

- Energy characteristics of nerve cell adaptation p0212 A78-40703  
p0214 A78-41015
- Prevention of motion sickness in flight maneuvers, aided by transfer of adaptation effects acquired in the laboratory - Ten consecutive referrals p0215 A78-41167
- Adaptation of circulation to exertion p0219 A78-42667
- Dynamics of thermoregulation during adaptation to strenuous muscular activity with respiratory changes p0219 A78-42668
- Metabolic and cardiovascular adjustment to arm training p0236 A78-43791
- The adaptation and the loss of adaptation of the myocardium of rats accustomed to hypoxia p0238 A78-44216
- Modulation of autonomic correlates of emotional stress and adaptive responses p0242 A78-46453
- Adaptive cardiovascular changes to physical training in spontaneously hypertensive and normotensive rats p0258 A78-46981
- Man under conditions of weightlessness --- physiological effects p0259 A78-47482
- Adaptational fluctuations in the initial state of space flight --- astronaut performance p0261 A78-47953
- Medical problems of rationalizing the work-rest regimen of astronauts p0261 A78-47956
- Adaptation to delayed auditory feedback in temporal synchronization tasks as evidence for a feedback control process in human timing p0007 A78-10699
- ADAPTIVE CONTROL**
- NT LEARNING MACHINES**
- Tracking of a programmed motion by a manipulator p0080 A78-21905
- The mathematics of computer controlled manipulators p0083 A78-23854
- Critical variables in adaptive motor skills training p0153 A78-32677
- A mathematical theory for sequential input adaptive systems with applications to man-machine tracking systems p0200 A78-39649
- Adaptive systems of spacecraft control p0263 A78-47975
- Adaptive training of perceptual motor skills: Issues, results and future directions [AD-A050461] p0150 A78-21765
- ADAPTIVE CONTROL SYSTEMS**
- U ADAPTIVE CONTROL**
- ADAPTIVE FILTERS**
- Biological model of a self-adjusting filter p0262 A78-47965
- ADENINES**
- NT RIBONUCLEIC ACIDS**
- Studies on adenine acid-soluble nucleotides content in the liver of gamma-irradiated chicken embryos p0266 A78-48442
- ADENOSINE TRIPHOSPHATE**
- Formation of nucleoside 5-prime-phosphoramidates under potentially prebiological conditions p0049 A78-17853
- ADENOSINES**
- NT ADENOSINE TRIPHOSPHATE**
- Formation of nucleoside 5-prime-phosphoramidates under potentially prebiological conditions p0049 A78-17853
- Cyclic adenosine-3,5-monophosphate and photoreceptor potential of the retina in vertebrates p0072 A78-21196
- The effect of high altitude on pyridine nucleotides and adenosine phosphates in the liver of the rat p0279 A78-31689
- ADIPOSE TISSUES**
- Controlled cellular energy conversion in brown adipose tissue thermogenesis p0299 A78-52698
- Effect of prolonged hypokinesia on the water and fat content of the human body [NASA-TM-75522] p0230 A78-27752
- ADMITTANCE**
- U ELECTRICAL IMPEDANCE**
- ADRENAL GLAND**
- Serotonin involvement in pituitary-adrenal function p0267 A78-48575
- Circadian changes in activity of the hypothalamus-hypophysis-adrenal system in animals differing in individual radio-sensitivity --- using epinephrine test p0175 A78-22676
- Regulation of the adrenal cortex function during stress [NASA-CR-157397] p0276 A78-30808
- ADRENAL METABOLISM**
- Interrelationship of catecholamines and corticosteroids during muscle fatigue p0156 A78-34785
- Reaction of central and peripheral mediator elements of the sympathoadrenal system to single exposure to alternating magnetic field p0186 A78-23729
- Regulation of the adrenal cortex function during stress [NASA-CR-157397] p0276 A78-30808
- ADRENALINE**
- U EPINEPHRINE**
- ADRENERGICS**
- The kinetocardiogram during the isoproterenol test for the assessment of coronary heart disease p0055 A78-19130
- Influence of vestibular stimuli on adrenergic and cholinergic activity of blood p0071 A78-21177
- Dynamics of the relation between cell mediators of adrenergic and cholinergic systems /cAMP-cGMP/ in the mechanisms of adaptation to hypoxia p0104 A78-27440
- Mechanism of the attenuated cardiac response to beta-adrenergic stimulation in chronic hypoxia p0191 A78-36601
- Variation of the reactivity of resistive and capacitive organ vessels during adaptation to highland conditions p0219 A78-42666
- Functional reserves of the cardiac sympathetic system in the presence of hypoxia --- adrenergics p0185 A78-23719
- Mechanism of the attenuated cardiac response to beta-adrenergic stimulation in chronic hypoxia [AD-A050147] p0231 A78-27762
- ADRENOCORTICOTROPIN (ACTH)**
- Fast, rate-sensitive corticosteroid negative feedback during stress p0082 A78-23649
- Site of fast, rate-sensitive feedback inhibition of adrenocorticotropin secretion during stress p0082 A78-23650
- Interrelationship of catecholamines and corticosteroids during muscle fatigue p0156 A78-34785
- ACTH fragments and verbal learning [IZF-1977-15] p0225 A78-26733
- Some effects of Org. 2766 on various performance tasks [IZF-1977-18] p0225 A78-26734
- ACTH 4-10 and adaptive learning [IZF-1977-13] p0226 A78-26736
- ADSORPTION**
- Interfacial biophysics of materials in contact with blood [PB-277928/8] p0225 A78-26732
- AERIAL EXPLOSIONS**
- Application of the response probability density function technique to biodynamic models p0076 A78-21719
- AERIAL RECONNAISSANCE**
- The real time reconnaissance problem --- human performance limitations p0211 A78-40218
- Visual problems raised by low altitude high speed flight p0249 A78-28796
- AERIAL RUDDERS**
- Measurement of forces on aircraft rudders [ONERA, TP NO. 1978-34] p0216 A78-41419

- AEROBES**  
Evidence for propagation of aerobic bacteria in particles suspended in gaseous atmospheres --- Terrestrial microorganism contamination of Jupiter atmosphere p0027 A78-15181
- AERODYNAMIC FORCES**  
**NT AERODYNAMIC LOADS**  
Aerodynamic forces exerted on an articulated human body subjected to windblast p0075 A78-21713  
Aerodynamic forces exerted on an articulated body subjected to windblast [AD-A044217] p0041 A78-12662
- AERODYNAMIC LOADS**  
Accurately reproducing pilot's control forces in a flight simulator [AIAA 78-1585] p0290 A78-50663
- AERODYNAMIC STALLING**  
General aviation pilot stall awareness training study [AD-A041310/4] p0008 A78-10705
- AEROEMBOLISM**  
Ultrasonic detection by the Doppler effect of circulating bubbles in humans and animals in altitude p0059 A78-20553  
Hyperbaric oxygenation. A bibliography with abstracts [NTIS/PS-78/0676/3] p0316 A78-33724
- AEROMAGNETISM**  
**U GEOMAGNETISM**
- AEROSOLS**  
The influence of trace metals in disperse aerosols on the human body burden of trace metals p0224 A78-26720  
Determination of the concentration of cadmium aerosol and of some other contaminants present in the atmosphere of a submarine of the Royal Dutch Navy [CL-1976-23] p0227 A78-26744  
Toxicological evaluation of Pyrethrins Fogging Concentrate (trade name) study No. 51-1309-78 [AD-A055088] p0282 A78-31715
- AEROSPACE ENVIRONMENTS**  
Effect of weightlessness and of artificial gravity on irradiated lettuce seeds p0031 A78-15210  
The use of a primate as an experimental model aboard Spacelab p0058 A78-20545  
Radiobiological experiment aboard the biosatellite Cosmos-690 p0079 A78-21739  
Method of animal training for biosatellite p0258 A78-47110  
Gravity as a biochemical determinant p0269 A78-48671  
Inhibition of bone formation during space flight p0292 A78-51225  
Space Biology and Aerospace Medicine, no. 3, 1977 [JPES-69380] p0114 A78-18715  
Life-sciences research in space --- conference proceedings [ESA-SP-130] p0169 A78-22619  
General remarks and techniques for space cell biology p0173 A78-22659  
Effects of space environment on organism development p0173 A78-22660  
Microbiology and space p0174 A78-22663  
Space ecosynthesis: An approach to the design of closed ecosystems for use in space [NASA-TM-78491] p0226 A78-26740
- AEROSPACE MEDICINE**  
The problem of self-regulation of posture --- vertical posture maintenance tests p0023 A78-13598  
Preliminary results of medical investigations during manned flights of the Salyut 4 Orbital Station p0030 A78-15199  
Combined effect of flight factors --- on human organism p0036 A78-16794  
Problems and prospects for aviation psychology p0050 A78-18501
- Hypokinesia and readaptation /physiological aspects/ p0072 A78-21184  
Presentations on aerospace medicine at Bourget --- Conference summary on medical factors involved in flying Concorde p0132 A78-29300  
Systems analysis of an aeromedical evacuation mission p0140 A78-31847  
Space flights on Soyuz spacecraft: Biomedical studies --- Russian book p0193 A78-36626  
Physiological hygiene studies --- for spacecraft environments p0193 A78-36629  
Medical monitoring and prognosis of cosmonauts during flight p0193 A78-36632  
The organization of work and rest for Soyuz crew members p0193 A78-36633  
Medical observations and investigations --- cosmonaut afterflight clinical examinations p0194 A78-36634  
Features of statokinetic reactions --- cosmonaut locomotive activity p0194 A78-36635  
Effect of space flights on blood circulation and gas exchange during functional loading p0194 A78-36636  
Exchange-endocrine processes --- cosmonaut water-salt exchange and kidney functions p0194 A78-36637  
Hematological investigations --- cosmonaut peripheral blood changes p0194 A78-36638  
Reaction of the digestive system to the effect of spaceflight factors p0194 A78-36639  
Study of cosmonaut integument microflora p0194 A78-36640  
Preliminary results of medicobiological studies performed during Soyuz-19 and Apollo flights p0194 A78-36642  
Physiological effects of varying gravity p0198 A78-38751  
Detection of initial stages of overstrain in aircrew members p0199 A78-39198  
Functional state of external respiration in flight-crew members with compensated atherosclerotic cardiosclerosis p0200 A78-39199  
Current status of space medicine and exobiology p0215 A78-41165  
Medical evaluation of G-sensitive aircrewmen p0242 A78-46416  
Man under conditions of weightlessness --- physiological effects p0259 A78-47482  
Characteristics of cosmonaut activities during flight --- Russian book p0261 A78-47951  
Medical problems of rationalizing the work-rest regimen of astronauts p0261 A78-47956  
Psychological model of weightlessness in space flight simulation p0261 A78-47958  
Justification of the use of artificial gravity in space flight --- for optimal astronaut performance p0261 A78-47959  
Continuous metabolic and cardiovascular measurements on a monkey subject during a simulated 6-day Spacelab mission p0269 A78-48719  
The use of nonhuman primates in space [NASA-CP-005] p0008 A78-11663  
A review of animal flight experiments p0009 A78-11664  
Physiological studies in space with nonhuman primates using the monkey pod p0009 A78-11665  
The Orbiting Primate Experiment (OPE) p0009 A78-11666  
Some effects of acceleration in man and chimpanzees --- gravitational effects p0009 A78-11668

Biorhythms and space experiments with nonhuman primates p0009 N78-11669

Vestibular functions and sleep in space experiments --- using rhesus and owl monkeys p0009 N78-11670

Veterinary medical considerations for the use of nonhuman primates in space research p0009 N78-11671

Cardiovascular studies using the chimpanzee (Pan troglodytes) p0010 N78-11672

The rhesus monkey (Macaca mulatta) as a flight candidate p0010 N78-11674

The chimpanzee as a flight candidate --- for cardiovascular studies p0010 N78-11675

The squirrel monkey as a candidate for space flight p0010 N78-11676

The capuchin monkey as a flight candidate p0010 N78-11677

The pig-tailed monkey (Macaca nemestrina) as a space-flight candidate --- for cardiovascular studies p0010 N78-11678

Consideration of other primate species as flight animals p0010 N78-11679

The rhesus (Macaca mulatta) and crab-eating (Macaca fascicularis) monkeys in cardiovascular and aerospace research p0011 N78-11680

Translations on USSR science and technology: Biomedical sciences [JPBS-69970] p0011 N78-11682

Circadian rhythms in aerospace medicine [NASA-TM-75165] p0011 N78-11689

Translations on USSR science and technology: Biomedical and behavioral sciences, no. 14: Effects of nonionizing electromagnetic radiation [JPBS-70101] p0041 N78-12665

Translations on USSR science and technology: Biomedical and behavioral sciences, no. 15 [JPBS-70168] p0041 N78-12666

Translations on USSR science and technology: Biomedical and behavioral sciences, no. 16 [JPBS-70297] p0045 N78-13737

Translations on USSR science and technology: Biomedical and behavioral sciences, no. 17 [JPBS-70338] p0045 N78-13738

Formation of ectopic osteogenesis in weightlessness [NASA-TM-75079] p0085 N78-16586

Certain aspects of the vestibular problem in space medicine [NASA-TM-75067] p0087 N78-16604

Prognosis of the state of health of a person under spaceflight conditions [NASA-TM-75068] p0087 N78-16605

Basic results of the medical research conducted during the flight of two crews on the Salyut-5 orbital station [NASA-TM-75070] p0088 N78-16607

Application and effectiveness of prophylactic devices in model experiments [NASA-TM-75074] p0088 N78-16609

Visual workload of the copilot/navigator during terrain flight --- of the TM-1 helicopter p0090 N78-16623

In-flight recording of helicopter pilot activity --- head and hand movements p0090 N78-16624

The assessment of rotary wing aviator precision performance during extended helicopter flights p0090 N78-16625

Evaluating the work load of helicopter pilots. In-flight recordings of heart rate and cardiac arrhythmia p0090 N78-16626

Aircrew fatigue in nonstop, transoceanic tactical deployments p0091 N78-16628

Endocrine-metabolic cost of piloting F-104 G aircraft --- flight stress effects p0091 N78-16629

Methods to assess pilot workload and other temporal indicators of pilot performance effectiveness --- during aircraft carrier landings p0091 N78-16630

Subjective ratings of flying qualities and pilot workload in the operation of a short haul jet transport aircraft --- Yak 40 aircraft p0091 N78-16631

Subjective stress assessment as a criterion for measuring the psychophysical workload on pilots p0091 N78-16632

Space Biology and Aerospace Medicine, no. 5, 1977 [JPBS-70135] p0109 N78-18679

Main stages and prospects of development of space biology and medicine p0110 N78-18680

Aviation medicine on the sixtieth anniversary of the great October revolution p0110 N78-18681

Biomechanical criteria of artificial gravity p0110 N78-18682

Change in gravitation level as a stress factor p0110 N78-18683

Main results of medical research conducted during the flight of two crews on the Salyut-5 orbital station p0110 N78-18684

Distinctions of fluid and electrolyte metabolism and renal function in crew members of the first Salyut-4 expedition p0110 N78-18685

Technique for selective catheterization of the heart and great vessels used in biomedical studies of healthy individuals p0110 N78-18686

Parameters of acid-base equilibrium and enzymatic activity of blood in man during brief antiorthostatic hypokinesia p0110 N78-18687

Main objectives and results of the radiobiological experiment conducted on the Kosmos-690 biosatellite p0111 N78-18688

Lactate dehydrogenase isozymes of rat skeletal muscles following a space flight and with hypokinesia p0111 N78-18689

Morphological manifestations of functional changes in the hypothalamo-hypophyseal neurosecretory system and rat kidneys under the influence of space flight factors p0111 N78-18690

Effect of head orientation in the gravity field on severity of caloric nystagmus p0111 N78-18691

A study of the pulsed method of laundering p0111 N78-18692

Significance of the percussion symptom in detection of peptic ulcers in flight personnel p0111 N78-18693

Space Biology and Aerospace Medicine, no. 3, 1977 [JPBS-69360] p0114 N78-18715

Psychopharmacology in aviation and astronautics p0114 N78-18716

Space Biology and Aerospace Medicine, no. 4, 1977 [JPBS-69964] p0117 N78-18738

Medical support of the immediate postflight period following long space missions p0118 N78-18741

Clinical and biochemical aspects of human adaptation to central Antarctica as applied to problems of space biology and medicine p0118 N78-18746

Space Biology and Aerospace Medicine, no. 1, 1978 [JPBS-70753] p0124 N78-19756

Methods of studying inflight pilot performance p0124 N78-19757

Translations on USSR science and technology: Biomedical and behavioral sciences [JPBS-70876] p0143 N78-20742

Space biology and medicine p0143 N78-20743

Microprocessor-based cardiopulmonary monitoring system [NASA-CR-151688] p0148 N78-21752

Translations on USSR science and technology: Biomedical and behavioral sciences, no. 24 [JPBS-70928] p0149 N78-21761

Space Biology and Aerospace Medicine, vol. 11, no. 6, 1977 [JPBS-70633] p0174 N78-22668

Model of motion sickness in dogs used to evaluate efficacy of pharmacological agents

## SUBJECT INDEX

## AIR POLLUTION

- Morphology of bone marrow cells of rats on the Kosmos-605 biosatellite p0176 N78-22678
- Blood plasma corticosterone in rats after flight in Kosmos-690 biosatellite p0176 N78-22683
- Space Biology and Aerospace Medicine, volume 12, no. 2 [JPRS-71096] p0177 N78-22684
- Immunological reactivity and prediction of allergic complications in the crew of the second expedition of Salyut-4 p0183 N78-23708
- Studies of reactivity of the organism using some pharmacological tests --- catecholamine metabolism and synthesis in humans p0183 N78-23710
- Checking effectiveness of prevention of high-altitude decompression disorders by means of prebreathing in an oxygen environment --- extravehicular activity p0184 N78-23711
- Some problems of pathogenesis of respiratory disorders occurring at +G sub z accelerations combined with breathing pure oxygen p0184 N78-23714
- Human endurance of measured exercise in the presence of chronic hypercapnia p0185 N78-23718
- Motor activity and prevention of consequences of hypokinesia (on the basis of indices of tissular metabolism) --- DNA RNA and protein content p0185 N78-23720
- Before the long journey --- the development of space biology and medicine [NASA-TN-75098] p0203 N78-24781
- Before the long journey: Development of Soviet space biology and medicine [NASA-TN-75099] p0203 N78-24782
- The electroencephalogram in aircrew selection and aviation medicine: A survey of literature [CSIR-SR-PRES-268] p0207 N78-25756
- Cosmonauts undergo medical ground training p0234 N78-28040
- Color vision in aviation p0248 N78-28794
- Vision at low luminance levels in aviation p0248 N78-28795
- Glare and its adverse consequences in aviation p0248 N78-28796
- Depth vision in aviation p0249 N78-28797
- Visual problems raised by low altitude high speed flight p0249 N78-28798
- The contribution of electrophysiology p0249 N78-28799
- Space life sciences pilot user development program for the midwest region [NASA-CR-151819] p0251 N78-29723
- Translations on USSR science and technology: Biomedical and behavioral sciences, no. 35 [JPRS-71467] p0280 N78-31694
- Space biology and aerospace medicine, no. 4 [JPRS-71830] p0305 N78-32672
- Cooling system for removing metabolic heat from an hermetically sealed spacesuit [NASA-CASE-ARC-11059-1] p0312 N78-32721
- APCS (CONTROL SYSTEMS)**
- U AUTOMATIC FLIGHT CONTROL**
- APPERENT NERVOUS SYSTEMS**
- Pathways participating in conducting osteoreceptive signals to the Deiters vestibular nucleus p0197 A78-37856
- Some problems regarding the participation of the cerebral cortex in the regulation of the cardiovascular system p0199 A78-38754
- Study of transient processes in the visceral analyzer p0213 A78-41012
- Dynamics of afferent impulsation in posterior spinal radices of dogs with restricted movement p0308 N78-32696
- AFTERIMAGES**
- The role of afterimages in visual spatial aftereffects p0037 A78-17096
- Adaptation, afterimages and cone saturation p0191 A78-36550
- Binocular interactions during establishment of McCollough effects --- color aftereffects p0295 A78-51955
- Studies of orientation-contingent color after effects p0007 N78-10700
- AGE FACTOR**
- Changes in male exercise performance and anthropometric variables between the ages of 19 and 30 p0138 A78-31769
- Respiratory-hemodynamic correlations in individuals of different age p0218 A78-42663
- Contractile function of the myocardium and energy supply during experimental hyperfunction of the heart in animals of different age p0237 A78-44090
- Age-related changes in glycolysis in the rat liver during high-altitude acclimatization p0273 A78-49584
- Effect of age on mechanical properties and biochemical composition of the heart arteries in man p0289 A78-50531
- Refractive error characteristics of early and advanced presbyopic individuals [AD-A044555/1] p0065 N78-15684
- Readability of alphanumeric characters having various contrast levels as a function of age and illumination mode [AD-A044554/4] p0066 N78-15691
- The effect of age and activity level on fractionated response and reflex time p0143 N78-20746
- AGING**
- Circadian dyschronism and chronotypic ecophilia as factors in aging and longevity [CONF-770412-1] p0044 N78-13731
- AGING (BIOLOGY)**
- Determination of the optical density of the walls of coronary arteries in man p0220 A78-42875
- Spectrophotofluorometric and electron microscopic study of Lipofuscin accumulation in the testis of aging mice p0267 A78-48581
- Psychophysiological effects of aging: Developing a functional age index for pilots. 1. A survey of the pertinent literature [AD-A040372/0] p0006 N78-10694
- AGRICULTURE**
- Translations on USSR science and technology: Biomedical and behavioral sciences, no. 17 [JPRS-70338] p0045 N78-13738
- Physico-chemical treatment of pond effluents for unrestricted agricultural reuse with recovery of algae as protein source: Pilot and field scale experiments p0207 N78-25750
- AIR**
- Air ions and human performance p0195 A78-36677
- AIR BLASTS**
- U AERIAL EXPLOSIONS**
- AIR CUSHION VEHICLES**
- U GROUND EFFECT MACHINES**
- AIR FILTERS**
- The ozone problem associated with technical and health considerations in aviation p0057 A78-20293
- Silica dust test for respiratory protective devices [PB-278019/5] p0227 N78-26746
- AIR FLOW**
- Experiments on the noise heard by human beings when exposed to atmospheric winds p0200 A78-39347
- AIR NAVIGATION**
- BT ALL-WEATHER AIR NAVIGATION**
- AIR POLLUTION**
- Study of the effects of chronic ozone exposure on animals - Morphological and functional changes p0024 A78-14193
- Reinforcement of ozone action in mice by additional environmental compounds p0024 A78-14194



# AIR QUALITY

# SUBJECT INDEX

- The human health effects of photochemical oxidant air pollution - A review of experience in the United States p0024 A78-14197
- Biological effects of NO, NO2, SO2 and combinations thereof: Acute action on human and rat blood in vitro - Chronic action on the lung and blood of rats due to pollution-level concentrations p0036 A78-16474
- Carbon monoxide [PB-274965/3] p0114 A78-18713
- Biological effects of manganese [PB-277169] p0203 A78-24787
- The effect of nitrogen dioxide on lung function in normal subjects [PB-277671/4] p0225 A78-26731
- Biological significance of some metals as air pollutants. Part 2: Mercury [PB-279670/4] p0277 A78-30814
- Physiological response to atmospheric pollutants [PB-280413/6] p0284 A78-31731
- Effects of nitrogen dioxide on pulmonary function in human subjects [PB-281186/7] p0316 A78-33723
- AIR QUALITY**
- The effects of ozone in the range of the maximum work location concentration on subjects p0024 A78-14196
- Air quality criteria for lead [PB-280411/0] p0284 A78-31730
- AIR SICKNESS**
- U MOTION SICKNESS**
- AIR TO AIR REFUELING**
- KC-135 boom operator's head-up display p0084 A78-24366
- A unique approach to aerial refueling simulation for training boom operators [AIAA 78-1591] p0291 A78-50666
- AIR TRAFFIC CONTROL**
- The regulation of working methods as a function of work-load among air traffic controllers p0159 A78-35854
- Human factors and aerodrome air traffic control /Revised edition/ --- Book p0199 A78-38981
- Human factors in airfield air traffic control p0240 A78-45950
- Human-factors optimization of displays and control units for pilot and copilot p0289 A78-50267
- Objective job difficulty, behavioural response, and sector characteristics in air route traffic control centres p0293 A78-51348
- AIR TRAFFIC CONTROLLERS (PERSONNEL)**
- The organization of work schedules for air traffic controllers p0020 A78-13515
- Visual detection of commencement of aircraft takeoff runs --- as control tower siting requirement p0101 A78-26735
- Stress in air traffic personnel - Low-density towers and flight service stations p0158 A78-35111
- Human factors and aerodrome air traffic control /Revised edition/ --- Book p0199 A78-38981
- A queuing analysis of the air traffic controller's work load p0200 A78-39648
- Human factors in airfield air traffic control p0240 A78-45950
- Objective workload and behavioural response in airport radar control rooms p0259 A78-47491
- Objective job difficulty, behavioural response, and sector characteristics in air route traffic control centres p0293 A78-51348
- Objective assessment of prior air traffic control-related experience through the use of an occupational knowledge test p0298 A78-52636
- Use of path models to study a precareer air traffic control training program p0298 A78-52641
- Comparison of the vigilance performance of men and women using a simulated radar task p0298 A78-52642
- Stress in air traffic personnel: Low-density towers and flight service stations [AD-A046826] p0094 A78-17657
- Development of new selection tests for air traffic controllers [AD-A049049] p0181 A78-22716
- Radar training facility program implementation plan [AD-A050319/3] p0189 A78-23747
- A comparison of the vigilance performance of men and women using a simulated radar task [AD-A053674] p0232 A78-27769
- Use of the occupational knowledge test to assign extra credit in selection of air traffic controllers [AD-A053675] p0277 A78-30818
- Methods to assess work load [AGARD-CP-216] p0286 A78-31745
- Determination of stress and strain of air traffic control officers --- physiological response measurements p0287 A78-31751
- Instruments and methodology for the assessment of physiological cost of performance of stressful continuous operations: The air traffic services tower environment p0287 A78-31752
- Neurophysiological assessment of functional states of the brain --- electroencephalographic responses to workloads p0287 A78-31755
- Three reports relevant to stress in aviation personnel [AD-A051690] p0308 A78-32699
- Development of the aviation stress protocol: Simulation and performance, physiological, and biochemical monitoring systems, phase 1 p0309 A78-32700
- The relationship between stress-related metabolites and disqualifying pathology in air traffic control personnel p0309 A78-32702
- The relationship of predevelopmental 150 training with noncompetitively selected air traffic control trainees to FAA Academy success [AD-A051009] p0312 A78-32722
- AIR TRANSPORTATION**
- Clinical and physiological aspects of the evacuation of the wounded and the sick by air transport p0054 A78-18923
- Presentations on aerospace medicine at Bourget --- Conference summary on medical factors involved in flying Concorde p0132 A78-29300
- Movement by helicopter of patients with decompression sickness p0299 A78-52645
- A study of effects of hyperthermia on large, short-haired male dogs: A simulated air transport environmental stress [AD-A040432/7] p0005 A78-10683
- Provisional standards of radiation safety of flight personnel and passengers in air transport of the civil aviation [NASA-TM-75052] p0013 A78-11702
- Passenger flow rates between compartments: Straight-segmented stairways, spiral stairways, and passageways with restricted vision and changes of attitude [AD-A051485] p0205 A78-24797
- AIRCRAFT ACCIDENT INVESTIGATION**
- Epidemiologic investigation of occupation, age, and exposure in general aviation accidents p0018 A78-13274
- Inquest after a civil aviation accident - Personal experience p0257 A78-46956
- Preliminary design of an accident information Retrieval System (AIRS) [AD-A055590] A78-31952
- AIRCRAFT ACCIDENTS**
- Validation of the CALSPAN gross-motion-simulation code with actually occurring injury patterns in aircraft accidents p0075 A78-21714

## SUBJECT INDEX

## AIRCRAFT LANDING

- 1975 accident experience of civilian pilots with static physical defects p0102 A78-26740
- Human factors considerations in establishing aircraft collision avoidance system alert thresholds p0130 A78-28832
- Annoyance by aircraft noise and fear of overflying aircraft in relation to attitudes toward the environment and community p0196 A78-37535
- Human factors and aerodrome air traffic control /Revised edition/ --- Book p0199 A78-38981
- Spatial disorientation in general aviation accidents p0265 A78-48081
- U.S. fatal general aviation accidents due to cardiovascular incapacitation: 1974-75 p0298 A78-52644
- Spatial disorientation in general aviation accidents [AD-A053230] p0230 A78-27755
- Research in support of joint Army-Navy air crew impact injury prevention program [AD-A053437] p0233 A78-27775
- AIRCRAFT CABINS**
- U AIRCRAFT COMPARTMENTS
- AIRCRAFT CARRIERS**
- Methods to assess pilot workload and other temporal indicators of pilot performance effectiveness --- during aircraft carrier landings p0091 A78-16630
- AIRCRAFT COMPARTMENTS**
- The ozone problem associated with technical and health considerations in aviation p0057 A78-20293
- A study of aircraft cabin environment during long range flight p0057 A78-20537
- Effects of using long breathing hoses upon mask pressure --- during aircraft cabin decompression p0100 A78-26730
- Prevention of hypoxia-acceptable compromises --- in high altitude flight p0134 A78-29563
- Inhalation toxicology: 1. Design of a small-animal test system. 2. Determination of the relative toxic hazards of 75 aircraft cabin materials [AD-A043646] p0011 A78-11681
- AIRCRAFT CONTROL**
- Human engineering data for aircraft design. II - Aircrew station controls and displays: Assignment, location, and actuation for fixed wing aircraft p0001 A78-10196
- Discrete-time pilot model [ONERA, TP NO. 1978-60] p0239 A78-45272
- aviation ergonomics: Probability methods --- Russian book p0243 A78-46573
- Accurately reproducing pilot's control forces in a flight simulator [AIAA 78-1585] p0290 A78-50663
- Principles of engineering psychology involved in optimizing control systems of aircraft and spacecraft --- avionics, display devices and psychological factors p0183 A78-23709
- AIRCRAFT DESIGN**
- Human engineering data for aircraft design. II - Aircrew station controls and displays: Assignment, location, and actuation for fixed wing aircraft p0001 A78-10196
- Human engineering data for aircraft design. III - Aircrew station vision requirement for military aircraft p0001 A78-10199
- A review of human factors engineering studies at Aeromedical Laboratory p0293 A78-51498
- AIRCRAFT EQUIPMENT**
- NT EJECTION SEATS
- A regression approach to generate aircraft predictor information p0054 A78-18822
- Optimization of crew performance in future aircraft and weapon systems - Experimental methods of objective measurement
- Oxygen system maintenance guide [SAE AIR 1392] p0239 A78-44697
- WGL advances --- valveless LOX converter for Tornado aircraft p0274 A78-50085
- Passenger flow rates between compartments: Straight-segmented stairways, spiral stairways, and passageways with restricted vision and changes of attitude [AD-A051465] p0205 A78-24797
- Display size and target acquisition performance [AD-A054624] p0285 A78-31741
- AIRCRAFT FUELS**
- Aircraft fuel crews - Occupational hazards and sicknesses p0139 A78-31803
- AIRCRAFT HAZARDS**
- Aircrew and passenger protective breathing equipment studies [AD-A051002] p0150 A78-21768
- AIRCRAFT INSTRUMENTS**
- NT FLIGHT RECORDERS
- NT POSITION INDICATORS
- Trouble shooting pattern of emergency through instruments by jet-pilots. I p0001 A78-10194
- A layout designer's data projection reticle --- for optimum indicator instrument location in aircraft p0054 A78-18823
- A technique for the visual study of aircraft instrument panel utilization by the crew p0058 A78-20539
- Research on visual acuity in color contrast --- for aircraft instrument displays p0058 A78-20540
- Concerning the utilization of electronic displays in the field of aeronautics p0132 A78-29299
- Measurement of forces on aircraft rudders [ONERA, TP NO. 1978-34] p0216 A78-41419
- A reaction time analysis of instrument scanning --- by aircraft pilots p0272 A78-49275
- Human-factors optimization of displays and control units for pilot and copilot p0289 A78-50267
- A survey of the status of and philosophies relating to cockpit warning systems [NASA-CR-152071] p0046 A78-13746
- Use of eye-movement measures to establish design parameters for helicopter instrument panels p0286 A78-31748
- AIRCRAFT LANDING**
- Detection by pilots of system failures during instrument landings p0049 A78-17740
- And what is the limit of the minimum --- pilot factor during instrument landing p0073 A78-21475
- Monocular vision and landing performance in general aviation pilots - Cyclops revisited p0132 A78-29539
- Stress and workload in pilots p0140 A78-31846
- Simulator evaluation of three situation and guidance displays for V/STOL aircraft zero-zero landing approaches p0238 A78-44131
- Comparison of the visual perception of a runway model in pilots and nonpilots during simulated night landing approaches p0265 A78-48076
- Simulator study for the determination of the demands upon the pilot in the case of unconventional, spatially curved approach profiles --- German thesis p0273 A78-49406
- Visual problems of pilots - Study on distance judgement of pilots p0293 A78-51500
- Studies of perception of information on the spatial position of an aircraft [NASA-TN-75153] p0013 A78-11701
- The isolation of minimum sets of visual image cues sufficient for spatial orientation during aircraft landing approaches [AD-A046369] p0068 A78-15700

# AIRCRAFT MAINTENANCE

# SUBJECT INDEX

Methods to assess pilot workload and other temporal indicators of pilot performance effectiveness --- during aircraft carrier landings p0091 N78-16630

## AIRCRAFT MAINTENANCE

Trouble shooting pattern of emergency through instruments by jet-pilots. I p0001 A78-10194

Oxygen system maintenance guide [SAE AIP 1392] p0239 A78-44697

Performance measurement of maintenance [AD-A053475] p0250 N78-28809

## AIRCRAFT MANEUVERS

Prediction of pilot-aircraft stability boundaries and performance contours p0195 A78-37129

Prevention of motion sickness in flight maneuvers, aided by transfer of adaptation effects acquired in the laboratory - Ten consecutive referrals p0215 A78-41167

Verbal prescriptive rules in cognitive pretraining for the vertical S-A training maneuver [AD-A050971] p0254 N78-29749

## AIRCRAFT NOISE

### NT JET AIRCRAFT NOISE

### NT SONIC BOOMS

A study of aircraft cabin environment during long range flight p0057 A78-20537

Annoyance by aircraft noise and fear of overflying aircraft in relation to attitudes toward the environment and community p0196 A78-37535

Effects of aircraft noise on mental health p0240 A78-45507

Defensive activation toward noise p0240 A78-45509

## AIRCRAFT PERFORMANCE

### NT HELICOPTER PERFORMANCE

### AIRCRAFT PILOTS

### NT TEST PILOTS

Catecholamine excretion in helicopter pilots p0019 A78-13507

Recruitment in chronic acoustic trauma --- of pilots p0020 A78-13511

A technique for the visual study of aircraft instrument panel utilization by the crew p0058 A78-20539

Asymptomatic coronary double obstruction revealed in a 32-year-old pilot by exercise testing on a bicycle ergometer p0059 A78-20557

Problems raised by the discovery of a papillary edema in a pilot trainee p0060 A78-20560

Investigation of pilot behavior in flight /Analysis of Japanese studies/ p0060 A78-20564

Theory and application of a three-dimensional model of the human spine p0074 A78-21708

Response of the skeletal system to helicopter-unique vibration p0076 A78-21721

Biomechanical models for vibration feedthrough to hands and head for a semisupine pilot p0077 A78-21727

Relationships between ambient, cockpit, and pilot temperatures during routine air operations p0078 A78-21734

Hypertension in the civilian flying population - Significant or not p0080 A78-21748

Survey of pilots attitudes and opinions about drinking and flying p0101 A78-26734

1975 accident experience of civilian pilots with static physical defects p0102 A78-26740

Workload and operational fatigue in helicopter pilots p0102 A78-26741

The visual risk of ethambutol treatment - Aeronautical incidences p0132 A78-29296

Treatment of hypertension in aviators - A clinical trial with Aldactazide p0134 A78-29564

Concerning optical correction by contact lenses for private pilots of aircraft and gliders in VFR conditions p0139 A78-31804

Explosive decompression of subjects up to a 20,000-m altitude using a two-pressure flying suit p0140 A78-31844

Stress and workload in pilots p0140 A78-31846

Personality characteristics of pilots on EPPS, MP I and DOSEPU test. I p0191 A78-36327

Total cholesterol and high density lipoprotein cholesterol /H.D.L.-ch./ in serum of aged pilots for predicting atherosclerotic diseases p0238 A78-44348

Choice and analytic techniques involving indices of visual information input. I p0257 A78-46954

Interrelation of psychosomatic troubles and psychoneurotic troubles in aeronautics p0258 A78-46958

Crises of maladaptation in confirmed pilots p0258 A78-46959

Longevity in military pilots - 37-year followup of the Navy's '1000 Aviators' p0266 A78-48087

Altitude tolerance of general aviation pilots with normal or partially impaired spirometric function p0266 A78-48088

Verification of workload - A job for simulation --- pilot performance [AIAA 78-1586] p0290 A78-50664

Studies on Pilot Workload --- psychophysiological factors [AGARD-CP-217] p0090 N78-16621

Workload and operational fatigue in helicopter pilots p0090 N78-16622

In-flight recording of helicopter pilot activity --- head and hand movements p0090 N78-16624

The assessment of rotary wing aviator precision performance during extended helicopter flights p0090 N78-16625

Evaluating the work load of helicopter pilots. In-flight recordings of heart rate and cardiac arrhythmia p0090 N78-16626

A study on pilot's workload in helicopter operation under simulated IMC employing a forward looking sensor p0091 N78-16627

Endocrine-metabolic cost of piloting F-104 G aircraft --- flight stress effects p0091 N78-16629

The influence of tobacco from a medical standpoint on French pilots p0094 N78-17660

PIVIB: A computer program for analysis of pilot biodynamic and tracking response to vibration [AD-A052361] p0205 N78-24802

The contribution of electrophysiology p0249 N78-28799

## AIRCRAFT SAFETY

Aircrew and passenger protective breathing equipment studies p0150 N78-21768

Child restraint systems for civil aircraft [AD-A053565] p0233 N78-27774

Evaluation of seating and restraint systems and anthropomorphic dummies conducted during fiscal year 1977 [AD-A056905] p0317 N78-33737

## AIRCRAFT STABILITY

Sampled data analysis of a computer-controlled manipulator [NASA-CR-155272] p0042 N78-12670

## AIRCRAFTS

### U FLIGHT CREWS

### AIRFIELD SURFACE MOVEMENTS

Visual detection of commencement of aircraft takeoff runs --- as control tower siting requirement p0101 A78-26735

Human factors in airfield air traffic control p0240 A78-45950

## AIRFIELDS

### U AIRPORTS

- AIRFOILS**  
**NT AERIAL RUDDERS**  
**AIRLINE OPERATIONS**  
 The regulation of working methods as a function of work-load among air traffic controllers p0159 A78-35854  
 Activities of the Department of Aviation Psychology concerning the consultancy contract with the Deutsche Lufthansa AG [DLR-IB-355-75/01] p0013 N78-11698  
 Research activities of the DFVLR Department of Aviation Psychology concerning the consultancy contract of the Deutsche Lufthansa AG [DLR-IB-355-76/01] p0045 N78-13741  
 Selection strategy and psychological tests for aptitude investigation of applicants for pilot training at the Deutsche Lufthansa [DLR-IB-355-76/04] p0046 N78-13744  
 Job attitudes of airway facilities personnel [AD-A046412] p0096 N78-17671  
 The influence of the journey's time of day on the de- and resynchronization of the 24-hour rhythms of body and temperature after transatlantic flights [ESA-TT-420] p0113 N78-18708
- AIRPORT LIGHTS**  
**NT RUNWAY LIGHTS**  
**AIRPORT PLANNING**  
 Human factors and aerodrome air traffic control /Revised edition/ --- Book p0199 A78-38981
- AIRPORT TOWERS**  
 Visual detection of commencement of aircraft takeoff runs --- as control tower siting requirement p0101 A78-26735
- AIRPORTS**  
 Airport hygiene and epidemiology p0059 A78-20552
- ALANINE**  
 Influence of metabolic rate upon the metabolism of lactic acid and the oxidation of glucose, alanine and leucine p0143 N78-20745
- ALARMS**  
**U WARNING SYSTEMS**
- ALCOHOLS**  
**NT ETHYL ALCOHOL**  
 Alcohol retards visual recovery from glare by hampering target acquisition p0048 A78-17524  
 Survey of pilots' attitudes and opinions about drinking and flying p0101 A78-26734
- ALDEHYDES**  
**NT ACETALDEHYDE**
- ALDOSTERONE**  
 Zero gravity and cardiovascular homeostasis. The relationship between endogenous hyperprolactinemia and plasma aldosterone [NASA-CR-151715] p0179 N78-22705
- ALERTNESS**  
 Problems in maintaining the alertness of air force personnel - The organization of work schedules during long-distance flights p0020 A78-13514  
 Techniques for monitoring on-ground and in-flight alertness levels p0020 A78-13516
- ALGAE**  
**NT BLUE GREEN ALGAE**  
**NT CHLORELLA**  
 Stochastic models of algal photosynthesis in turbulent channel flow p0032 A78-15380  
 Antifouling activity of phytotoxic compounds and experimental polymeric algicides [NRI-R-698] p0148 N78-21747  
 Algae, ultraviolet light, and the production of trace gases [AD-A049441] p0148 N78-21748  
 Physico-chemical treatment of pond effluents for unrestricted agricultural reuse with recovery of algae as protein source: Pilot and field scale experiments p0207 N78-25750
- ALGAL BLOOM**  
**U ALGAE**
- ALGEBRA**  
**NT LINEAR EQUATIONS**  
**NT NONLINEAR EQUATIONS**  
**NT SUBGROUPS**  
**ALGORITHMS**  
 Algorithm for separating bursts on physiological curves p0105 A78-27696  
 Sleep wakefulness determinations from heart rate data, volume 3 [AD-A045817] p0113 N78-18703
- ALIPHATIC COMPOUNDS**  
**NT ACETALDEHYDE**  
**NT ACETONE**  
**NT ACETYL COMPOUNDS**  
**NT ACETYLONITRILES**  
**NT ADENINES**  
**NT ADENOSINE TRIPHOSPHATE**  
**NT ADENOSINES**  
**NT CHOLINE**  
**NT CYSTEINE**  
**NT ETHYL ALCOHOL**  
**NT ETHYLENEDIAMINE**  
**NT FATTY ACIDS**  
**NT GLUCOSE**  
**NT GLUTAMIC ACID**  
**NT GLUTAMINE**  
**NT GLUTATHIONE**  
**NT GLYCERIDES**  
**NT GLYCEROLS**  
**NT GLYCOGENS**  
**NT HYDRAZINES**  
**NT LACTATES**  
**NT LACTIC ACID**  
**NT LACTOSE**  
**NT METHANE**  
**NT NITROSAMINE**  
**NT POLYSACCHARIDES**  
**NT VINYLIDENE**
- ALKALI METALS**  
**NT POTASSIUM**  
**NT SODIUM**
- ALKALOIDS**  
**NT ATROPINE**
- ALKANES**  
**NT METHANE**
- ALKENES**  
**NT VINYLIDENE**
- ALL-WEATHER AIR NAVIGATION**  
 Visual workload of the copilot/navigator during terrain flight [AD-A055038] p0286 N78-31742
- ALLERGIC DISEASES**  
 Immunological reactivity and prediction of allergic complications in the crew of the second expedition of Salyut-4 p0183 N78-23710  
 Strong sensitizers [PP-280475/5] p0284 N78-31728
- ALLOYS**  
**NT INCONEL (TRADEMARK)**  
**NT STAINLESS STEELS**
- ALPHABETS**  
 Identification of alphabetic symbols as a function of their location in the visual periphery [AD-A049345] p0127 N78-19777
- ALPHANUMERIC CHARACTERS**  
 Readability of alphanumeric characters having various contrast levels as a function of age and illumination mode [AD-A044554/4] p0066 N78-15691  
 Identification of alphabetic symbols as a function of their location in the visual periphery [AD-A049345] p0127 N78-19777
- ALTERNATING CURRENT**  
 Possibility of attenuating the ecological effects of alternating current power lines as a result of new designs and circuit changes p0281 N78-31708
- ALTERNATIVES**  
 Investigation of an alternative response task for synthetic sentence index p0232 N78-27768
- ALTITUDE**  
**NT FLIGHT ALTITUDE**  
**NT HIGH ALTITUDE**  
**NT LOW ALTITUDE**  
**ALTITUDE ACCLIMATIZATION**  
 Man at high altitude: The pathophysiology of

# ALTITUDE SICKNESS

# SUBJECT INDEX

- acclimatization and adaptation --- Book  
p0002 A78-11957
- Effect of sojourn at 3200-m altitude on spinal reflexes in young adult males  
p0018 A78-13268
- DNA content in the lymph organs of rats during adaptation to hypoxia  
p0051 A78-18524
- Efficiency of the myocardium after adaptation to hypoxia  
p0072 A78-21197
- Regulation of CSF /HCO<sub>3</sub>-/ during long-term hypoxic hypocapnia in man  
p0103 A78-26923
- Dynamics of the relation between cell mediators of adrenergic and cholinergic systems /cAMP-cGMP/ in the mechanisms of adaptation to hypoxia  
p0104 A78-27440
- Heart damage during emotional stress and prophylaxis of this effect with the aid of preliminary adaptation to high-altitude hypoxia  
p0106 A78-28123
- Effect of altitude acclimatization on thermoregulation efficiency of man  
p0157 A78-35107
- Rat as a model for humanlike ventilatory adaptation to chronic hypoxia  
p0192 A78-36607
- Characteristics of electrical parameters of human skin during adaptation to high-altitude conditions  
p0213 A78-41013
- Resistance of the myocardium to loads under high-altitude conditions  
p0218 A78-42658
- Characteristics of variation of hemodynamics during high-altitude hypoxia  
p0219 A78-42665
- Variation of the reactivity of resistive and capacitive organ vessels during adaptation to highland conditions  
p0219 A78-42666
- Investigation of the activity of isocitrate dehydrogenase and malate dehydrogenase in tissues of rats with different resistance to acute hypoxic hypoxia  
p0237 A78-44092
- Haematologic changes in rabbits during acclimatization, deacclimatization, and reinduction to hypoxia  
p0241 A78-46407
- Changes in EEG pattern during acclimatization to high altitude /3500 m/ in man  
p0241 A78-46409
- CSF pH and ventilatory acclimatization to altitude --- cerebrospinal fluid  
p0259 A78-47208
- Age-related changes in glycolysis in the rat liver during high-altitude acclimatization  
p0273 A78-49584
- Effect of altitude on dietary-induced thermogenesis at rest and during light exercise in man  
p0296 A78-52537
- Pulmonary gas exchange, diffusing capacity in natives and newcomers at high altitude  
p0302 A78-53711
- Altitude tolerance of general aviation pilots with normal or partially impaired spirometric function [AD-A044557]  
p0040 A78-12656
- Pulmonary adaptation to high altitude [AD-A049857]  
p0246 A78-28783
- The effects of abrupt altitude exposure (4300 m) upon the metabolism of glucose-14 C-UL in man [AD-A051764]  
p0247 A78-28785
- ALTITUDE SICKNESS**
- Urinary catecholamine excretion in temporary residents of high altitude  
p0192 A78-36606
- Altitude decompression sickness: Review of concepts in primary care [AD-A050849]  
p0253 A78-29737
- ALTITUDE SIMULATION**
- Effects of simulated altitude training on aerobic and anaerobic power  
p0103 A78-26746
- Hypoxia, smoking history, and exercise --- at simulated altitudes  
p0161 A78-36155
- Fluid-electrolyte shifts and maximal oxygen uptake in man at simulated altitude /2,287 m/  
p0192 A78-36602
- Blood volume and body haematocrit of rats native to a simulated altitude of 3500 m  
p0215 A78-41214
- Effect of intermittent high altitude hypoxia on the synthesis of collagenous and non-collagenous proteins of the right and left ventricular myocardium  
p0235 A78-43747
- ALTITUDE TESTS**
- NT HIGH ALTITUDE TESTS**
- Ultrasonic detection by the Doppler effect of circulating bubbles in humans and animals in altitude  
p0059 A78-20553
- Relationship between onset of altitude-decompression disorders in man and barometric pressure level during intensive physical exercise  
p0120 A78-18758
- ALTITUDE TOLERANCE**
- Intracardial gas bubbles at altitude after negative pressure breathing  
p0017 A78-13264
- Effects of altitude and heat on complex cognitive tasks  
p0133 A78-29544
- Body fluid compartments in rabbits on exposure to acute hypobaric hypoxia --- with/without diuretic treatment  
p0215 A78-41163
- Hypoxia tolerance in rats in relation to tissue glycogen levels  
p0265 A78-48078
- Altitude tolerance of general aviation pilots with normal or partially impaired spirometric function  
p0266 A78-48088
- Altitude tolerance of general aviation pilots with normal or partially impaired spirometric function [AD-A044557]  
p0040 A78-12656
- The effects of altitude and two decongestant-antihistamine preparations on physiological functions and performance [AD-A054793]  
p0309 A78-32706
- ALVEOLI**
- The normal human lung - Ultrastructure and morphometric estimation of diffusion capacity  
p0140 A78-32039
- AMBIENT TEMPERATURE**
- Relationships between ambient, cockpit, and pilot temperatures during routine air operations  
p0078 A78-21734
- Enhancement factor in the thermoregulatory system at varying ambient temperature  
p0156 A78-34787
- AMIDES**
- NT ACETAZOLAMIDE**
- AMINES**
- NT CATECHOLAMINE**
- NT ETHYLENEDIAMINE**
- NT NITROSAMINE**
- NT PRONETHAZINE**
- NT SEROTONIN**
- Disruption of the deamination of monoamines and other nitrogenous compounds under conditions of stimulated peroxidation of endogenous lipids of brain tissue mitochondrial membranes  
p0056 A78-19885
- The role of monoamine oxidase inhibition in the acute toxicity of chlordimeform [AD-A045507]  
p0093 A78-17656
- Brain monoamines and temperature regulation  
p0123 A78-19749
- AMINO ACIDS**
- NT ALANINE**
- NT CYSTEINE**
- NT GLUTAMIC ACID**
- NT GLUTAMINE**
- NT GLUTATHIONE**
- NT GLYCINE**
- NT METHIONINE**
- NT PEPTIDES**
- NT PYRIDINE NUCLEOTIDES**
- NT THYROXINE**
- Deuterolysis of amino acid precursors - Evidence for hydrogen cyanide polymers as protein ancestors  
p0024 A78-14127

## SUBJECT INDEX

## ANATOMY

- A critical evaluation of the application of amino acid racemization to geochronology and geothermometry p0026 A78-14682
- Method for the determination of protein evolution rates by amino acid composition - Evolution rate of actins p0026 A78-14683
- Detection of optical asymmetry in amino acids by gas chromatography for extraterrestrial space exploration - Results of a new soil processing scheme with breadboard instrumentation p0027 A78-15179
- Influence of hyperoxia /1 ATA/ on mouse brain GABA, glutamate, and glutamine p0133 A78-29558
- Abiogenic synthesis of molecular complexes from amino acids and porphyrins discussed in reference to the problem of prebiological evolution p0154 A78-33895
- Influence of a GABA transaminase inhibitor on central nervous system oxygen toxicity --- gamma-aminobutyric acid induced convulsions p0214 A78-41160
- Amino acid-directed nucleic acid synthesis - A possible mechanism in the origin of life p0219 A78-42845
- Carbohydrate, lipid, and amino acid metabolism following physical exercise in man p0236 A78-43793
- Genetic code correlations - Amino acids and their anticodon nucleotides p0260 A78-47888
- The genetic code as a periodic table p0260 A78-47889
- Effect of vitamin and amino acid supplements on human performance during heavy mental and physical work p0298 A78-52638
- Aminoacyl-tRNA synthetase families and their significance to the origin of the Genetic Code p0303 A78-53873
- Effects of space flights and concomitant radiation on amino acid metabolism in rat skeletal muscles p0125 A78-19761
- Dynamics of free amino acid levels in human blood plasma during bed rest in head down position p0306 A78-32677
- AMMONIA**
- Photochemical synthesis of organic compounds on Jupiter initiated by the photolysis of ammonia p0028 A78-15187
- Exercise-induced changes in blood ammonia levels in humans p0057 A78-20339
- Effect of gamma radiation on intensity of ammonia excretion in albino rats p0117 A78-18735
- Assessment of free-living nitrogen fixing microorganisms for commercial nitrogen fixation --- economic analysis of ammonia production [NASA-CR-157565] p0275 A78-30798
- AMPERAGE**
- U ELECTRIC CURRENT
- AMPHIBIA**
- NT FROGS
- AMPLIFIERS**
- NT PREAMPLIFIERS
- AMPLITUDE MODULATION**
- Behavioral protocols and preliminary observations of chicks exposed to weak amplitude modulated 450 MHz fields p0166 A78-22595
- AMPLITUDES**
- NT PULSE AMPLITUDE
- ANAEROBES**
- Isolation and characterization of omnitherms and facultative anaerobes from Cape Canaveral soil samples p0028 A78-15183
- Anaerobic utilization of phosphite/phosphine as a sole source of phosphorus - Implication to growth in the Jovian environment p0028 A78-15186
- Sulfate reduction and methanogenesis in marine sediments p0081 A78-23474
- A mathematical model of anaerobic energy metabolism for evaluating the mechanisms of oxygen debt formation p0105 A78-27713
- Anaerobic utilization of phosphite and hypophosphite by Bacillus sp. p0301 A78-53625
- Anaerobic bacteriology and curriculum design for medical technology p0064 A78-15671
- ANALGESIA**
- Indomethacin-antihistamine combination for gastric ulceration control [NASA-CASE-ARC-11118-1] p0012 A78-11692
- ANALOG SIMULATION**
- Cardiovascular responses to the simulated diving in man and rat p0216 A78-41528
- Analog simulation of the movements of an ideal manipulator p0266 A78-48511
- ANALYSIS (MATHEMATICS)**
- NT DEPENDENT VARIABLES
- NT ERROR ANALYSIS
- NT FINITE DIFFERENCE THEORY
- NT FINITE ELEMENT METHOD
- NT FOURIER ANALYSIS
- NT FOURIER TRANSFORMATION
- NT FUNCTIONAL ANALYSIS
- NT GREEN FUNCTION
- NT HARMONIC ANALYSIS
- NT INTEGRAL EQUATIONS
- NT LINEAR EQUATIONS
- NT NONLINEAR EQUATIONS
- NT PERIODIC FUNCTIONS
- NT TAYLOR SERIES
- ANALYTIC GEOMETRY**
- NT PROLATE SPHEROIDS
- ANATOMY**
- NT ADRENAL GLAND
- NT AORTA
- NT ARM (ANATOMY)
- NT ARTERIES
- NT BARORECEPTORS
- NT BLADDER
- NT BLOOD VESSELS
- NT BONES
- NT BRAIN
- NT BRAIN STEM
- NT BRONCHI
- NT BRONCHIAL TUBE
- NT CAPILLARIES (ANATOMY)
- NT CARDIAC AURICLES
- NT CARDIAC VENTRICLES
- NT CARDIOVASCULAR SYSTEM
- NT CARTILAGE
- NT CEREBELLUM
- NT CEREBRAL CORTEX
- NT CEREBRUM
- NT CHEMORECEPTORS
- NT CHEST
- NT CIRCULATORY SYSTEM
- NT COCHLEA
- NT COLLAGENS
- NT CONGENERS
- NT CONNECTIVE TISSUE
- NT CORNEA
- NT CORTI ORGAN
- NT DIAPHRAGM (ANATOMY)
- NT DIASTOLE
- NT EAR
- NT EARDRUMS
- NT ERYTHROCYTES
- NT EYE (ANATOMY)
- NT FEET (ANATOMY)
- NT FEMUR
- NT FOREARM
- NT FOVEA
- NT GONADS
- NT GRAVIRECEPTORS
- NT HAND (ANATOMY)
- NT HEAD (ANATOMY)
- NT HEART
- NT HEMATOPOIESIS
- NT HUMAN BODY
- NT JOINTS (ANATOMY)
- NT KIDNEYS
- NT KNEE (ANATOMY)
- NT LABYRINTH

- NT LEG (ANATOMY)  
 NT LEUKOCYTES  
 NT LIMBS (ANATOMY)  
 NT LIVER  
 NT LUNGS  
 NT LYMPHOCYTES  
 NT MECHANORECEPTORS  
 NT MIDDLE EAR  
 NT MUSCULOSKELETAL SYSTEM  
 NT MYOCARDIUM  
 NT NECK (ANATOMY)  
 NT NOSE (ANATOMY)  
 NT OCCIPITAL LOBES  
 NT OCULOMOTOR NERVES  
 NT ORGANS  
 NT OTOLITH ORGANS  
 NT PANCREAS  
 NT PHOTORECEPTORS  
 NT PITUITARY GLAND  
 NT RESPIRATORY SYSTEM  
 NT RETINA  
 NT SEMICIRCULAR CANALS  
 NT SKULL  
 NT SPLEEN  
 NT SYSTOLE  
 NT TESTES  
 NT THERMORECEPTORS  
 NT THROMBIN  
 NT THYMUS GLAND  
 NT THYROID GLAND  
 NT TORSO  
 NT TRACHEA  
 NT VASCULAR SYSTEM  
 NT VEINS  
 NT VERTEBRAE  
 NT VERTEBRAL COLUMN  
 NT VESTIBULES  
 NT WRIST  
 The rhesus monkey (*Macaca mulatta*) as a flight candidate p0010 N78-11674  
 The influence of anatomical variations on voltage in the 12 lead electrocardiogram p0064 N78-15670  
 Three-dimensional reconstruction and display of anatomical and pathological structures from their serial sections --- by means of computer systems p0086 N78-16598
- ANEMIAS**  
 Latent sickle cell anemia and commercial airline personnel p0057 A78-20536  
 Effect of dehydration on erythropoiesis in mice - Relevance to the 'anemia' of space flight p0242 A78-46414
- ANEMOMETRY**  
 U VELOCITY MEASUREMENT
- ANESTHESIA**  
 Systematic approach to the study of intrabrain regulation p0131 A78-29067
- ANESTHESIOLOGY**  
 Medical support of the immediate postflight period following long space missions p0118 N78-18741
- ANESTHETICS**  
 Time course of the cerebral circulatory response to metabolic depression p0082 A78-23648
- ANGIOGRAPHY**  
 The false positive stress test - Multivariate analysis of 215 subjects with hemodynamic, angiographic and clinical data p0026 A78-14646  
 Relation between the site of origin of ventricular premature complexes and the presence and severity of coronary artery disease p0037 A78-17134  
 Quantitative radionuclide angiography in the right anterior oblique view - Comparison with contrast ventriculography p0136 A78-30650  
 Effects of endurance training on left ventricular function in the dog: A cineangiographic study p0092 N78-17646
- ANGULAR ACCELERATION**  
 Prevention of motion sickness in flight maneuvers, aided by transfer of adaptation effects acquired in the laboratory - Ten consecutive referrals p0215 A78-41167  
 Sensory components of optokinetic nystagmus under the influence of angular accelerations p0125 N78-19762  
 Responses of the frog to angular accelerations in weightlessness p0171 N78-22640  
 Investigation of the influence of prolonged rotation on radiation lesions p0306 N78-32682
- ANGULAR MOTION**  
 U ANGULAR VELOCITY  
**ANGULAR VELOCITY**  
 Visual counteraction of nauseogenic and disorienting effects of some whole-body motions - A proposed mechanism p0078 A78-21738  
 Nonadditivity of vergence and saccadic eye movement p0221 A78-43184
- ANIMALS**  
 NT ARTEMIA  
 NT ARTHROPODS  
 NT BEES  
 NT DOGS  
 NT DROSOPHILA  
 NT FISHES  
 NT PROGS  
 NT GOATS  
 NT GUINEA PIGS  
 NT HOMEOTHERMS  
 NT HUMAN BEINGS  
 NT LARVAE  
 NT MAMMALS  
 NT MARINE MAMMALS  
 NT MICE  
 NT MONKEYS  
 NT PRIMATES  
 NT RATS  
 NT RODENTS  
 NT SPORES  
 NT SWINE  
 NT VERTEBRATES  
 Review of animal experiments --- noise effects on bodily functions other than hearing p0240 A78-45505  
 A review of animal flight experiments p0009 N78-11664  
 Physiological studies in space with nonhuman primates using the monkey pod p0009 N78-11665  
 Cardiovascular studies in the rhesus monkey --- brain circulation during stress p0009 N78-11667  
 Some effects of acceleration in man and chimpanzees --- gravitational effects p0009 N78-11668  
 Vestibular functions and sleep in space experiments --- using rhesus and owl monkeys p0009 N78-11670  
 Cardiovascular studies using the chimpanzee (*Pan troglodytes*) p0010 N78-11672  
 The rhesus monkey (*Macaca mulatta*) as a flight candidate p0010 N78-11674  
 The chimpanzee as a flight candidate --- for cardiovascular studies p0010 N78-11675  
 The squirrel monkey as a candidate for space flight p0010 N78-11676  
 The capuchin monkey as a flight candidate p0010 N78-11677  
 The pig-tailed monkey (*Macaca nemestrina*) as a space-flight candidate --- for cardiovascular studies p0010 N78-11678  
 The rhesus (*Macaca mulatta*) and crab-eating (*Macaca fascicularis*) monkeys in cardiovascular and aerospace research p0011 N78-11680  
 Inhalation toxicology: 1. Design of a small-animal test system. 2. Determination of the relative toxic hazards of 75 aircraft cabin materials [AD-A043646] p0011 N78-11681  
 Tread drum for animals --- having an electrical shock station [NASA-CASE-ARC-10917-1] p0227 N78-27733

# SUBJECT INDEX

# APOLLO SOYUZ TEST PROJECT

- CV 990 interface test and procedure analysis of the monkey restraint, support equipment, and telemetry electronics proposed for Spacelab [NASA-TM-78484] p0228 N78-27736
- ANTARCTIC REGIONS**  
Clinical and biochemical aspects of human adaptation to central Antarctica as applied to problems of space biology and medicine p0118 N78-18746
- ANTARCTICA**  
U ANTARCTIC REGIONS
- ANTHROPOMETRY**  
Prediction of hypothermia in humans as a function of morphological characteristics and of environmental conditions p0132 A78-29298  
Changes in male exercise performance and anthropometric variables between the ages of 19 and 30 p0138 A78-31769  
Configuration of the chest wall during increased gravitational stress in erect humans p0302 A78-53709  
A foundation for systems anthropometry, phase 1 [AD-A042890] p0006 N78-10696  
Whole body response of the hybrid 3 anthropomorphic test device [PB-268702/8] p0008 N78-10708  
Acceleration effects on the ability to activate emergency devices in F-4 aircraft [AD-A042281] p0015 N78-11715  
Analysis of flight clothing effects on aircrew station geometry [AD-A046260] p0063 N78-14789  
Selected design parameters for reclining seats based on engineering anthropometry [AD-A048458] p0122 N78-18769  
Equipment development for automatic anthropometric measurements [NASA-CR-151723] p0207 N78-25757  
Comparative anthropometry of air standardization coordinating committee personnel for equipment design: Helmets [AD-A052893] p0209 N78-25771  
Three-dimensional anthropometry of the adult face --- bioengineering for protective breathing equipment [AD-A054938] p0309 N78-32705  
Anthropometry: Basic studies and applications, volume 2. A bibliography with abstracts [NTIS/PS-78/0866/0] p0316 N78-33726
- ANTIBIOTICS**  
Frequency discrimination following the selective destruction of cochlear inner and outer hair cells p0129 A78-28828
- ANTIBODIES**  
A study of humoral immunity - /Immunoglobulines IgA, IgG, and IgM/ in the navigation personnel of a civil aviation society as a function of age and the frequency of certain vaccinations p0059 A78-20551  
Heterophilic antibodies and complement activity of rat blood serum after flight in Kosmos-605 satellite p0116 N78-18731
- ANTICONVULSANTS**  
Influence of a GABA transaminase inhibitor on central nervous system oxygen toxicity --- gamma-aminobutyric acid induced convulsions p0214 A78-41160
- ANTIDIURETICS**  
Increased secretion of growth hormone, prolactin, antidiuretic hormone, and cortisol induced by the stress of motion sickness p0079 A78-21741
- ANTIDOTES**  
Behavior, ecology and toxicity of venomous marine fishes [AD-A054925] p0279 N78-31692
- ANTIGENS**  
Effect of space flight on cell-mediated immunity p0018 A78-13270  
Studies on the isolation and identification of hepatitis viruses in water p0206 N78-25744
- ANTIgravity**  
Anti-G suit effect on cardiovascular dynamic changes due to +Gz stress p0032 A78-15516
- Functional system of antigravity and modeling of physiological effects of decreased gravity p0199 A78-38755
- ANTIhistaminics**  
NT PROMETHAZINE  
Indomethacin-antihistamine combination for gastric ulceration control [NASA-CASE-ARC-11118-1] p0012 N78-11692  
The effects of altitude and two decongestant-antihistamine preparations on physiological functions and performance [AD-A054793] p0309 N78-32706  
Cardiorespiratory assessment of decongestant-antihistamine effects on altitude, +Gz, and fatigue tolerances --- pilot performance [AD-A055089] p0310 N78-32707
- ANTIhypertensive Agents**  
Treatment of hypertension in aviators - A clinical trial with Aldactazide p0134 A78-29564
- ANTINATTER**  
NT POSITRONS
- ANTIPARTICLES**  
NT POSITRONS
- ANTIRADIATION DRUGS**  
Radiation protection for Soyuz crews p0193 A78-36631
- ANTISUBMARINE WARFARE AIRCRAFT**  
NT P-3 AIRCRAFT
- ANXIETY**  
Stress in air traffic personnel - Low-density towers and flight service stations p0158 A78-35111  
Self-referent behavior as a function of leaderled groups p0089 N78-16617  
Stress in air traffic personnel: Low-density towers and flight service stations [AD-A046826] p0094 N78-17657
- AORTA**  
Aortic root and left atrial wall motion - An echocardiographic study p0002 A78-10499  
Computer analysis of the orthogonal electrocardiogram and vectorcardiogram in 257 patients with aortic valve disease p0026 A78-14647  
Cardiac output and aortic-pulmonary shunt studies p0144 N78-20754
- APNEA**  
U RESPIRATION
- APOLLO PROJECT**  
Summary of past findings in biomedical research accumulated during Apollo and Skylab missions p0169 N78-22620
- APOLLO SOYUZ TEST PROJECT**  
Apollo-Soyuz light-flash observations --- ionizing radiation effects measurement p0029 A78-15191  
Biological effects of high-LET particles on corn-seed embryos in the Apollo-Soyuz test project - Biostack III experiment p0029 A78-15193  
Calculation of the radiobiological effects of heavy ions on eggs of Artemia salina flown in the Biostack experiments p0029 A78-15194  
Medically important micro-organisms recovered from Apollo-Soyuz Test Project /ASTP/ crew members p0030 A78-15200  
Apollo-Soyuz test project on biorhythm of zone-forming fungi - Preliminary work p0031 A78-15212  
Growth-rate periodicity of Streptomyces levis during space flight p0031 A78-15213  
Apollo-Soyuz test project on biorhythm of zone-forming fungi - Results of experiments p0031 A78-15214  
Preliminary results of medicobiological studies performed during Soyuz-19 and Apollo flights p0194 A78-36642  
Dosimetric and biological results from the Bacillus subtilis Biostack experiment within the ASTP p0267 A78-48598  
Genetic effects of cosmic radiation on bacteriophage T4Br+/+ - On materials of



## APPENDAGES

biological experiment 'Soyuz-Apollo' p0269 A78-48682  
 Light flash observations: Experiment MA-106 ---  
 identity of cosmic particles p0091 N78-17100  
 Zone-forming fungi: Experiment MA-147 p0092 N78-17102  
 Microbial exchange: Experiment AR-002 p0092 N78-17103  
 Cellular immune response: Experiment MA-031 p0092 N78-17104  
 Polymorphonuclear leukocyte response: Experiment MA-032 p0092 N78-17105  
 Killfish hatching and orientation: Experiment MA-161 p0092 N78-17106  
 Investigation of space perception by the crew of the experimental Soyuz-Apollo mission p0111 N78-18695  
 Analytical study of electrophoretic characterization of kidney cells --- conducted during the Apollo Soyuz Test Project [NASA-CR-150790] p0282 N78-31713

**APPENDAGES**  
 NT ARM (ANATOMY)  
 NT FOREARM  
 NT HAND (ANATOMY)  
 NT KNEE (ANATOMY)  
 NT LEG (ANATOMY)

**APPLICATIONS OF MATHEMATICS**  
 Some aspects and achievements of the application of mathematical analysis to cardiac rhythmology p0198 A78-38753

**APPROACH**  
 NT INSTRUMENT APPROACH

**APPROACH AND LANDING TESTS (STS)**  
 Airline pilot scanning behavior during approaches and landing in a Boeing 737 simulator p0054 A78-18798

**APPROACH CONTROL**  
 Quality of pilot landing performance and visual information about altitude and distance p0191 A78-36326  
 Simulator evaluation of three situation and guidance displays for V/STOL aircraft zero-zero landing approaches p0238 A78-44131

**APPROXIMATION**  
 NT FINITE DIFFERENCE THEORY  
 NT FINITE ELEMENT METHOD

**APTITUDE**  
 Development of new selection tests for air traffic controllers [AD-A049049] p0181 N78-22716

**AQUEOUS SOLUTIONS**  
 The hydrophobic effect and the organization of living matter p0195 A78-36773

**AQUICULTURE**  
 Temperature influences on growth of aquatic organisms [CONF-770516-9] p0122 N78-19744

**ARCHITECTURE**  
 Pulmonary arterial tree: Architectural and functional design p0087 N78-16603

**ARCTIC REGIONS**  
 Protective clothing. Part 1: Arctic and tropical environments. A bibliography with abstracts [NTIS/PS-78/0371/1] p0250 N78-28812

**ARGON-OXYGEN ATMOSPHERES**  
 Total body calcium analysis using the Ca-12 (n, alpha) Ar-37 reaction [NASA-CR-151675] p0178 N78-22696  
 Molecular sieve generation of aviator's oxygen: Breathing gas composition as a function of flow, inlet pressure, and cabin altitude [AD-A054240] p0278 N78-30822

**ARGUMENTS (MATHEMATICS)**  
 U INDEPENDENT VARIABLES

**ARID LANDS**  
 Potential of arid zone vegetation as a source of substrates [LBL-7214] p0245 N78-28777

**ARIP (IMPACT PREDICTION)**  
 U COMPUTERIZED SIMULATION  
 U IMPACT PREDICTION

## SUBJECT INDEX

**ARM (ANATOMY)**  
 NT FOREARM  
 Hand-arm vibration. III - A distributed parameter dynamic model of the human hand-arm system p0153 A78-32781

**ARMED FORCES**  
 NT ARMED FORCES (FOREIGN)  
 NT ARMED FORCES (UNITED STATES)  
 NT NAVY

**ARMED FORCES (FOREIGN)**  
 Comparative study of regulations on standards of medical fitness for flying duties in nine air forces covering seven NATO countries [AGARD-AG-213(ENG)] p0066 N78-15688  
 The UK approach to alcoholism in air crew p0094 N78-17661

**ARMED FORCES (UNITED STATES)**  
 Comparative study of regulations on standards of medical fitness for flying duties in nine air forces covering seven NATO countries [AGARD-AG-213(ENG)] p0066 N78-15688  
 The need for drug and alcohol programs that are unique to military organizations p0094 N78-17659  
 Air Force aircrew training devices: Master plan [AD-A056940] p0317 N78-33734

**ARMOR**  
 Evaluation of US Air Force survival/armor vest in US Army OH-58 helicopters [AD-A044842] p0042 N78-12675

**ARRHYTHMIA**  
 Effects of acute hyperkalemia on cardiac excitability p0034 A78-15955  
 Roles of psychologic stress and autonomic nervous system changes in provocation of ventricular premature complexes p0196 A78-37175  
 The electrocardiogram and cardiac rhythm in healthy young persons p0217 A78-42654  
 Evaluating the work load of helicopter pilots. In-flight recordings of heart rate and cardiac arrhythmia p0090 N78-16626  
 A cardiac arrhythmia monitoring system p0178 N78-22694  
 Investigation of a new cardiac arrhythmia monitoring scheme p0187 N78-23733  
 Description and analysis of the Hewlett-Packard 78220 arrhythmia monitoring system [AD-A055451] p0283 N78-31720

**ARTEMIA**  
 Calculation of the radiobiological effects of heavy ions on eggs of Artemia salina flown in the Biostack experiments p0029 A78-15194

**ARTERIES**  
 NT AORTA  
 Influence of plasma layer on steady blood flow in microvessels p0099 A78-25234  
 Hydrocortisone, catecholamines and arterial pressure under work load p0129 A78-28489  
 On the origin of Korotkov sounds at diastole --- brachial artery mechanical model p0129 A78-28725  
 Comparison of carotid artery mechanics in the rat, rabbit, and dog p0134 A78-29638  
 Investigation of arterial bloodgases at altitude using constant-flow oxygen masks p0161 A78-36160  
 Mathematical modeling of arterial pressure transient processes during the action of vasoactive substances p0214 A78-41014  
 Propagation of pulsed wave in arterial vessels with allowance for preliminary stresses and muscular activity p0220 A78-42874  
 Determination of the optical density of the walls of coronary arteries in man p0220 A78-42875  
 Dynamics of reflex reactions of arteries and veins during variation of the functional state of vasomotor centers

## SUBJECT INDEX

## ASTRONAUT PERFORMANCE

- Effect of age on mechanical properties and biochemical composition of the heart arteries in man p0243 A78-46454
- The effect of acute arterial hypoxia on the parameters of O2 supply and demand in the resting gracilis muscle of the anesthetized dog p0289 A78-50531
- Pulmonary arterial tree: Architectural and functional design p0085 A78-16589
- Dietary fats and arterial thrombosis: Effects and mechanism of action p0087 A78-16603
- ARTERIOSCLEROSIS p0180 A78-22711
- Functional state of external respiration in flight-crew members with compensated atherosclerotic cardiosclerosis p0200 A78-39199
- Effect of age on mechanical properties and biochemical composition of the heart arteries in man p0289 A78-50531
- A crossed beam Doppler ultrasound concept for improved detection of atherosclerosis [PB-276859/6] p0187 A78-23737
- ARTHOPODS
- NT ARTEMIA
- NT BEES
- NT DROSOPHILA
- NT LARVAE
- Mechanism for the formation of synaptic projections in the arthropod visual system p0296 A78-52372
- ARTICULATION
- Adaptation to delayed auditory feedback p0036 A78-16825
- Vowel segments in consonantal contexts: A spectral study of coarticulation [JZF-1977-14] p0225 A78-26735
- ARTIFICIAL GRAVITY
- Effect of weightlessness and of artificial gravity on irradiated lettuce seeds p0031 A78-15210
- Justification of the use of artificial gravity in space flight --- for optimal astronaut performance p0261 A78-47959
- Biomechanical criteria of artificial gravity p0110 A78-18682
- The effect of gravity on the static and dynamic properties of single vestibular units investigated in the bull frog by means of a vestibular orbital laboratory (VOL). p0171 A78-22636
- ARTIFICIAL INTELLIGENCE
- NT COGNITIVE PSYCHOLOGY
- Thematic filtering algorithms and their use in recognition of complex images p0156 A78-34962
- Manipulators: Dynamics and algorithms --- Russian book p0266 A78-48529
- Analysis and synthesis of a fluid-powered intelligent industrial robot end effector with tactile sensors p0147 A78-20772
- ARTIFICIAL RESPIRATION
- U RESUSCITATION
- ARTIFICIAL SATELLITES
- NT BIOSATELLITES
- NT COSMOS SATELLITES
- NT COSMOS 782 SATELLITE
- NT COSMOS 936 SATELLITE
- NT ORBITAL SPACE STATIONS
- ASCORBIC ACID
- Heat-invoked changes in ascorbic acid levels on the rabbit eye p0169 A78-22617
- ASPHERICITY
- Aspheric curvatures for the human lens p0025 A78-14418
- ASSAULTING
- U ATTACKING (ASSAULTING)
- ASSAYING
- Rapid, quantitative determination of bacteria in water [NASA-CASE-GSC-12158-1] p0165 A78-22585
- Method and apparatus for continuous measurement of bacterial content of aqueous samples [NASA-CASE-MSC-16779-1] p0165 A78-22586
- ASSESSMENTS
- NT TECHNOLOGY ASSESSMENT
- Methods to assess work load [AGARD-CP-216] p0286 A78-31745
- ASTP
- U APOLLO SOYUZ TEST PROJECT
- ASTROBIOLOGY
- U EXOBIOLOGY
- ASTRONAUT LOCOMOTION
- Results of an investigation of the rotation of a man in space p0153 A78-33253
- Features of statokinetic reactions --- cosmonaut locomotive activity p0194 A78-36635
- Walking boot assembly [NASA-CASE-ARC-11101-1] p0096 A78-17675
- Dynamics of cyclic and acyclic locomotion of the Soyuz-18 crew after a 63-day space mission p0118 A78-18740
- Spacesuit mobility joints [NASA-CASE-ARC-11058-2] p0121 A78-18763
- ASTRONAUT MANEUVERING EQUIPMENT
- Manned maneuvering unit for Shuttle EVA p0034 A78-15632
- Manned maneuvering unit - A space platform support system [AIAA PAPER 78-1663] p0295 A78-51990
- ASTRONAUT PERFORMANCE
- Optimization of the professional activity of a cosmonaut --- Russian book p0021 A78-13576
- The task of a cosmonaut in operating spacecraft p0021 A78-13578
- The optimization of cosmonaut activity in processes involving the operation of complex systems p0021 A78-13579
- Analysis of manual control of spacecraft movement by means of a mathematical model of a human operator p0021 A78-13580
- Evaluation of the quality of man-in-the-loop guidance processes p0021 A78-13581
- Use of half-scale modeling for optimizing systems of manual control --- for spacecraft p0021 A78-13582
- Development of means for optimizing operator activities by analyzing activity content, structure, and function p0021 A78-13583
- Time base for the performance of functions by cosmonauts p0022 A78-13585
- Effect of the physical load on human biorhythms --- relating to space flight p0022 A78-13586
- Active rest in prolonged spaceflights as a psychological problem p0022 A78-13593
- EEG diagnosis of operators p0023 A78-13596
- Metabolic energy requirements during manned orbital Skylab missions p0029 A78-15198
- Preliminary results of medical investigations during manned flights of the Salyut 4 Orbital Station p0030 A78-15199
- Cardiovascular response during manned space flights [IAF PAPER 77-252] p0034 A78-15931
- Postural equilibrium following exposure to weightless space flight p0035 A78-16014
- Effect of certain space-flight factors on the vestibular system in man /based on data from domestic and foreign literature/ p0105 A78-27949
- The possibility of studying ageusia during weightlessness by the electrogustometric method p0106 A78-28325
- Space flights on Soyuz spacecraft: Biomedical studies --- Russian book p0193 A78-36626

- Purpose of the piloted Soyuz spacecraft and medical-biological investigations p0193 A78-36627
- Physiological hygiene studies --- for spacecraft environments p0193 A78-36629
- Medical monitoring and prognosis of cosmonauts during flight p0193 A78-36632
- The organization of work and rest for Soyuz crew members p0193 A78-36633
- Medical observations and investigations --- cosmonaut afterflight clinical examinations p0194 A78-36634
- Effect of space flights on blood circulation and gas exchange during functional loading p0194 A78-36636
- Exchange-endocrine processes --- cosmonaut water-salt exchange and kidney functions p0194 A78-36637
- Hematological investigations --- cosmonaut peripheral blood changes p0194 A78-36638
- Reaction of the digestive system to the effect of spaceflight factors p0194 A78-36639
- Study of cosmonaut integument microflora p0194 A78-36640
- Preliminary results of medicobiological studies performed during Soyuz-19 and Apollo flights p0194 A78-36642
- Current status of space medicine and exobiology p0215 A78-41165
- Engineering-psychological analysis of information display systems p0216 A78-41368
- Sensory deprivation as a problem of prolonged space flights p0259 A78-47484
- Characteristics of cosmonaut activities during flight --- Russian book p0261 A78-47951
- Adaptational fluctuations in the initial state of space flight --- astronaut performance p0261 A78-47953
- Pilot training and prognosis of psychophysiological conditioning of astronauts p0261 A78-47955
- Medical problems of rationalizing the work-rest regimen of astronauts p0261 A78-47956
- Psychological model of weightlessness in space flight simulation p0261 A78-47958
- Justification of the use of artificial gravity in space flight --- for optimal astronaut performance p0261 A78-47959
- Method of evaluating the work capacity of pilots and astronauts p0262 A78-47962
- Method of investigating perceptual extrapolation p0262 A78-47963
- Radio telegraphy as a realistic test for investigating an astronaut's activity p0262 A78-47964
- Biological model of a self-adjusting filter p0262 A78-47965
- The astronaut in the astronavigation system of manned spacecraft p0262 A78-47968
- Human operator in a spacecraft control system during descent in the atmosphere p0263 A78-47970
- Manual control of astronaut attitude with a three-stage setup p0263 A78-47971
- Spaceflight stress factors and the ability to track p0263 A78-47973
- Adaptive systems of spacecraft control p0263 A78-47975
- Visual-motor coordination in the simulation of 10-day reduced gravity p0263 A78-47976
- Mechanisms of self-regulation of the functional system of tracking in normal and pathological states p0263 A78-47979
- Bioenergetics of control in the state of simulated weightlessness p0263 A78-47980
- Some aspects of depth perception in space p0264 A78-47981
- Ergonomic evaluation of cross-hair sights p0264 A78-47982
- Psychological state of the operator and visual evaluation of lunar relief p0264 A78-47988
- Peculiar characteristics of crewmembers' metabolism on the second expedition aboard orbital station Salyut-4 p0265 A78-48080
- Sensory deprivation and social isolation as problems of space psychology - Interpretation of Antarctic and laboratory data p0294 A78-51887
- Spacesuit mobility joints [NASA-CASE-ARC-11058-1] p0285 A78-31735
- ASTRONAUT TRAINING**
- Selection and training of cosmonauts for flights in Soyuz spacecraft p0193 A78-36628
- Fifty minutes of submerged weightlessness --- weightlessness simulation p0241 A78-46291
- Medical and psychological selection and training criteria for European SL-payload specialists [AAS PAPER 78-028] p0301 A78-53608
- Preliminary investigation of using the centrifuge and light aircraft for training payload specialists --- onboard Spacelab [DLR-TR-355-76/06] p0044 A78-13734
- Soviet-Czech space mission, cosmonaut training discussed p0183 A78-23041
- Cosmonauts undergo medical ground training p0234 A78-28040
- Spacecraft crew ground training described p0234 A78-28042
- Fifty minute in hydraulic weightlessness p0312 A78-33018
- ASTRONAUTS**
- Medically important micro-organisms recovered from Apollo-Soyuz Test Project /ASTP/ crew members p0030 A78-15200
- Choosing ESA's first astronaut p0240 A78-45885
- Psychopharmacology in aviation and astronautics p0114 A78-18716
- Changes in peripheral blood of crew members of the Salyut-4 orbital station p0174 A78-22669
- ASTRONAVIGATION**
- The astronaut in the astronavigation system of manned spacecraft p0262 A78-47968
- The recognition of objects against a model of cosmic sky p0264 A78-47983
- Detection of terrestrial landmarks during dark adaptation p0264 A78-47984
- ATAXIA**
- Experimental vertigo, ataxia and motion sickness: Visual-vestibular interaction on earth and in space p0170 A78-22633
- ATHEROSCLEROSIS**
- U ARTERIOSCLEROSIS**
- ATHLETES**
- Phase structure of the diastole of trained heart p0218 A78-42656
- ATMOSPHERIC CHEMISTRY**
- The origin of life. I - The pre-biotic era. II - Monomers to polymers p0198 A78-38448
- ATMOSPHERIC COMPOSITION**
- The length of the transition period from the reducing to the neutral biosphere --- by evidence of nitrogen fixation evolution p0026 A78-14681
- Microorganisms of the upper layers of the atmosphere and protective role of their cell pigments p0269 A78-48712
- ATMOSPHERIC ENTRY**
- NT MANNED REENTRY**

- ATMOSPHERIC IMPURITIES**  
 U AIR POLLUTION
- ATMOSPHERIC IONIZATION**  
 Research report on the physiological effects of air ions and their significance as environmental factors  
 [NASA-TM-75086] p0123 N78-19752
- ATMOSPHERIC MODELS**  
 NT DYNAMIC MODELS  
 The origin of life. I - The pre-biotic era. II - Monomers to polymers  
 p0198 A78-38448
- ATMOSPHERIC PRESSURE**  
 Relationship between onset of altitude-decompression disorders in man and barometric pressure level during intensive physical exercise  
 p0120 N78-18758  
 Possibility of retaining thermal balance of the human body in an extremely rarefied atmosphere by means of vacuum evaporation of perspiration from the body surface.  
 p0184 N78-23715  
 Normobaric hyperoxia: A new look  
 p0246 N78-28779  
 New aspects of barotrauma in O.R.L.  
 p0249 N78-28803
- ATP**  
 U ADENOSINE TRIPHOSPHATE
- ATROPHY**  
 Biochemical adaptations of antigravity muscle fibers to disuse atrophy  
 [NASA-CR-151822] p0275 N78-30796
- ATROPINE**  
 Effects of atropine and beta-blockade on temperature regulation and performance during prolonged exercise  
 p0154 A78-34081  
 Effect of atropine upon the cerebrovascular system during GD-induced respiratory depression  
 [AD-A054807] p0276 N78-30811
- ATTACK AIRCRAFT**  
 NT F-4 AIRCRAFT  
 NT F-104 AIRCRAFT  
 NT FIGHTER AIRCRAFT  
 Analysis of crew/cockpit models for advanced aircraft  
 [AD-A054957] p0278 N78-30824
- ATTACKING (ASSAULTING)**  
 Pilot workload analysis based upon in-flight physiological measurements and task analysis methods  
 [NLR-NF-76001-U] p0256 N78-29762
- ATTENTION**  
 Repeated observation of an uncertain signal --- sensory adaptation  
 p0156 A78-34679  
 Residual attention as a predictor of pilot performance  
 p0272 A78-49274  
 Comparison of the vigilance performance of men and women using a simulated radar task  
 p0298 A78-52642  
 Examination of auditory attention and visual evoked potentials  
 [AD-A042619] p0097 N78-17682  
 Can attention be diverted?  
 [RAE-LIB-TRANS-1936] p0181 N78-22715
- ATTENUATION**  
 NT ACOUSTIC ATTENUATION
- ATTITUDE (INCLINATION)**  
 NT PITCH (INCLINATION)  
 NT ROLL  
 The influence of colour and contour rivalry on the magnitude of the tilt after-effect --- in human visual system  
 p0221 A78-43185  
 Spatial disorientation in general aviation accidents  
 p0265 A78-48081  
 Egocentric orientation is influenced by trained voluntary cyclorotary eye movements  
 p0294 A78-51856  
 Certain peculiarities of the functioning of the cardiovascular system in bedrest conditions during horizontal and antiorthostatic body positions  
 [NASA-TM-75075] p0112 N78-18699  
 Passenger flow rates between compartments: Straight-segmented stairways, spiral stairways, and passageways with restricted vision and changes of attitude  
 [AD-A051485] p0205 N78-24797
- ATTITUDE CONTROL**  
 NT LATERAL CONTROL  
 Spatial disorientation in general aviation accidents  
 [AD-A053230] p0230 N78-27755
- AUDIO EQUIPMENT**  
 NT EARPHONES  
 Linear noise-attenuating earphone  
 [AD-A048846] p0127 N78-19775
- AUDIO FREQUENCIES**  
 Frequency discrimination following the selective destruction of cochlear inner and outer hair cells  
 p0129 A78-28828  
 Some latency and relaxation measures of the acoustic reflex in response to white noise and pure tones, in subjects with normal hearing and subjects with sensorineural hearing loss  
 p0087 N78-16600  
 Pitch and formant analysis of the voice in the investigation of pilot workshop  
 p0287 N78-31750
- AUDIO VISUAL EQUIPMENT**  
 U TRAINING DEVICES  
 U VISUAL AIDS
- AUDIOMETRY**  
 An audiometric and histologic comparison of noise- and drug-induced cochlear pathology in the chinchilla  
 p0301 A78-53398  
 Hearing hazard from occupational noise: Observations on a population from heavy industry  
 [NPL-AC-80] p0188 N78-23744  
 The psychophysical tuning curve: A parametric study  
 p0276 N78-30807
- AUDITORY DEFECTS**  
 Recruitment in chronic acoustic trauma --- of pilots  
 p0020 A78-13511  
 Effect of high-intensity impulse noise on the hearing organ --- jet engine noise effects  
 p0103 A78-27098  
 A scanning study of acoustic lesions of the cochlea  
 p0300 A78-53397  
 An audiometric and histologic comparison of noise- and drug-induced cochlear pathology in the chinchilla  
 p0301 A78-53398  
 Computerized classification of auditory trauma: Results of an investigation on screening employees exposed to noise  
 [NASA-TM-75062] p0040 N78-12658  
 The effects of different speakers on the word discrimination scopes of persons with sensori-neural hearing impairment  
 p0064 N78-15674  
 The relationship between the acoustic reflex and loudness discomfort in normal and sensorineural ears  
 p0085 N78-16590  
 Some latency and relaxation measures of the acoustic reflex in response to white noise and pure tones, in subjects with normal hearing and subjects with sensorineural hearing loss  
 p0087 N78-16600  
 Tables for the estimation of noise-induced hearing loss  
 [NPL-AC-61-REV] p0188 N78-23743  
 Hearing hazard from occupational noise: Observations on a population from heavy industry  
 [NPL-AC-80] p0188 N78-23744  
 Aviator hearing loss  
 p0249 N78-28801  
 The relationship between comfortable loudness range and most comfortable loudness for pure tones and speech in sensorineural hearing loss  
 p0308 N78-32698
- AUDITORY FATIGUE**  
 A temporary threshold shift for self-motion detection following sustained, oscillating linear acceleration  
 p0216 A78-41810  
 The role of the acoustic reflex in the acquisition of temporary threshold shift  
 p0039 N78-12653
- AUDITORY PERCEPTION**  
 Remarks on tonal threshold and voice discrimination during negative acceleration in normal subjects and in subjects who have

# AUDITORY SIGNALS

# SUBJECT INDEX

- undergone endolymphatic-cerebrospinal fluid shunt operations p0020 A78-13512
- The role of professional and sexual factors in the auditory evaluation of emotionally tinged speech p0023 A78-13601
- Adaptation to delayed auditory feedback p0036 A78-16825
- Theoretical calculation of frequencies and thresholds of microwave-induced auditory signals p0080 A78-21879
- Long-latency evoked potentials to irrelevant, deviant stimuli p0105 A78-27749
- Possibility of existence of an auditory-feedback mechanism at the periphery of hearing p0106 A78-28122
- Frequency discrimination following the selective destruction of cochlear inner and outer hair cells p0129 A78-28828
- Speech intelligibility through communication headsets for general aviation p0133 A78-29557
- Required attention for synthesized speech perception for three levels of linguistic redundancy p0196 A78-37531
- Experiments on the noise heard by human beings when exposed to atmospheric winds p0200 A78-39347
- Inner ear biology; Proceedings of the Fourteenth Workshop, Bordeaux, France, September 5-7, 1977 p0300 A78-53391
- Fine morphology of the tectorial membrane - Fresh and developmental p0300 A78-53392
- A rheological model for research on cochlear hypoxia p0300 A78-53394
- The importance of the perilymphatic oxygen supply in the cochlea function p0300 A78-53395
- Behavioral and physiological correlates of varying noise environments: Annotated bibliography [PB-267565/0] p0007 N78-10698
- The effects of middle ear muscle contraction upon high level exposure to pure tones and upon the transmission of low level pure tones p0064 N78-15673
- The effects of different speakers on the word discrimination scopes of persons with sensori-neural hearing impairment p0064 N78-15674
- The effect of temporal parameters on the suprathreshold continuous/interrupted separation in normal hearing subjects p0064 N78-15675
- Examination of auditory attention and visual evoked potentials [AD-A0426,9] p0097 N78-17682
- Effects of high concentrations of carbon dioxide on function of the human acoustic analyzer p0112 N78-18696
- Activation and sustained attention: A pupillometric study of an auditory vigilance task [AD-A050040] p0149 N78-21759
- Spectral analysis of auditory evoked potentials with pseudorandom noise excitation p0177 N78-22688
- Hearing hazard from occupational noise: Observations on a population from heavy industry [NPL-AC-80] p0188 N78-23744
- The apparent rate of flicker [NWK-LABS-NOTE-219] p0254 N78-29748
- Auditory frequency selectivity and two-tone suppression in normal hearing human listeners p0308 N78-32697
- AUDITORY SIGNALS**
- Theoretical calculation of frequencies and thresholds of microwave-induced auditory signals p0080 A78-21879
- The frequency following response in humans p0252 N78-29734
- AUDITORY STIMULI**
- Signal detection in psychoacoustics p0003 A78-12000
- Cardiac, EEG, and motor components of the unconditioned reaction to acoustic stimulus during wakefulness and slow-wave sleep p0104 A78-27669
- The division of attention and the human auditory evoked potential p0105 A78-27748
- Long-latency evoked potentials to irrelevant, deviant stimuli p0105 A78-27749
- Acoustic evaluation of an aircraft canopy fracture emergency egress system p0141 A78-32136
- Auditory evoked potentials elicited by tones and voice as the alarm signal p0191 A78-36328
- Visual-field displacements in human beings evoked by acoustical transients p0239 A78-45397
- Noise-induced sleep disturbances and their effects on health p0240 A78-45508
- Functional evidence of efferent nerve endings in the human inner ear p0300 A78-53393
- Adaptation to delayed auditory feedback in temporal synchronization tasks as evidence for a feedback control process in human timing p0007 N78-10699
- Electroencephalographic and galvanic skin responses to verbal stimuli [PB-274175/9] p0096 N78-17670
- Effects of stimulus repetition rate and sensation level upon the EEG following response of awake human subjects p0224 N78-26722
- AUDITORY TASKS**
- Repeated observation of an uncertain signal --- sensory adaptation p0156 A78-34679
- Auditory communication and workload --- human response time measurements to voice communication p0287 N78-31749
- AUTOCATALYSIS**
- The evolution of the protein synthesis system. I - A model of a primitive protein synthesis system p0056 A78-19363
- AUTOKINESIS**
- Proprioceptive information about target location suppresses autokinesis p0025 A78-14419
- AUTOMATA THEORY**
- On problems and principles of robots' motion p0023 A78-14002
- Tracking of a programmed motion by a manipulator p0080 A78-21905
- Manipulators: Dynamics and algorithms --- Russian book p0266 A78-48529
- Identification of finite state models of a human operator [AD-A053017] p0209 N78-25768
- AUTOMATIC CONTROL**
- NT ADAPTIVE CONTROL
- NT AUTOMATIC FLIGHT CONTROL
- NT DYNAMIC CONTROL
- NT FEEDBACK CONTROL
- NT LEARNING MACHINES
- NT NUMERICAL CONTROL
- NT OFF-ON CONTROL
- NT OPTIMAL CONTROL
- NT TIME OPTIMAL CONTROL
- Robot and manipulator control by exteroceptive sensors p0083 A78-23855
- Effect of preview on digital pursuit control performance p0201 A78-39650
- Automatic control of human thermal comfort with a liquid-cooled garment [NASA-TN-58205] p0013 N78-11704
- Modelling of oxygen autoregulation in canine skeletal muscle p0165 N78-22583
- Automated tracking of the Florida manatee (Trichechus manatus) [NASA-CR-157040] p0207 N78-25752
- Equipment development for automatic anthropometric measurements [NASA-CR-151723] p0207 N78-25757
- AUTOMATIC CONTROL VALVES**
- Iodine generator for reclaimed water purification [NASA-CASE-MSC-14632-1] p0062 N78-14784

- AUTOMATIC DATA PROCESSING**  
 U DATA PROCESSING
- AUTOMATIC FLIGHT CONTROL**  
 Models for interrupted monitoring of a stochastic process  
 [NASA-TM-78453] p0066 N78-15690  
 Translations on USSR science and technology:  
 Biomedical and behavioral sciences, no. 18  
 [JPRS-70395] p0089 N78-16615  
 Requirements for goggles used in training to fly  
 instruments  
 [IZP-1977-4] p0206 N78-24805
- AUTOMATIC PATTERN RECOGNITION**  
 U PATTERN RECOGNITION
- AUTOMATIC ROCKET IMPACT PREDICTORS**  
 U COMPUTERIZED SIMULATION  
 U IMPACT PREDICTION
- AUTOMATIC TEST EQUIPMENT**  
 Evaluation of automated ECG monitoring -  
 Theoretical model based upon point process  
 techniques  
 p0001 A78-10063  
 General remarks and techniques for space cell  
 biology  
 p0173 N78-22659
- AUTOMATION**  
 Verification of workload - A job for simulation  
 --- pilot performance  
 [AIAA 78-1586] p0290 A78-50664
- AUTOMOBILES**  
 Seat belt performance in 30 M.P.H. barrier impacts  
 [PB-269962/7] p0015 N78-11721  
 Standard specification for safety belt assemblies,  
 harnesses, and lap belts for use in motor vehicles  
 [SABS-724-1977] p0205 N78-24796  
 Driver visual limitations diagnosis and treatment  
 [PB-278884/2] p0232 N78-27764  
 Child restraint systems for civil aircraft  
 [AD-A053565] p0233 N78-27774  
 Development of a visibility research capability  
 [PB-278152/4] p0233 N78-27778  
 The utility of peripheral vision to motor vehicle  
 drivers  
 [PB-278157/3] p0234 N78-27779  
 Human factors requirements for fingertip reach  
 controls  
 [PB-278811/5] p0250 N78-28808  
 Vehicle integration and evaluation of advanced  
 restraint systems. Restraint system analysis  
 report  
 [PB-281475/4] p0319 N78-33744
- AUTONOMIC NERVOUS SYSTEM**  
 NT SYMPATHETIC NERVOUS SYSTEM  
 P-R interval in relation to heart rate during  
 exercise and the influence of posture and  
 autonomic tone  
 p0004 A78-12475  
 Learned control of multiple autonomic responses to  
 compensate for the debilitating effects of  
 motion sickness  
 p0047 A78-17220  
 Psychosomatic health: Simultaneous control of  
 multiple autonomic responses by humans - A  
 training method  
 p0047 A78-17221  
 Mechanism of the attenuated cardiac response to  
 beta-adrenergic stimulation in chronic hypoxia  
 p0191 A78-36601  
 Roles of psychologic stress and autonomic nervous  
 system changes in provocation of ventricular  
 premature complexes  
 p0196 A78-37175  
 Significance of supraspinal mechanisms in adaptive  
 responses of the cardiovascular system during  
 postural change  
 p0218 A78-42661  
 Systems analysis of sympathetic functions  
 p0270 A78-48752  
 Accumulated stress, reserve capacity, and disease  
 p0011 N78-11684  
 The hematic system in the set of symptoms of  
 autonomic disorders in monkeys on the low  
 gravitation stand  
 p0120 N78-18757  
 The organization and autonomic innervation of the  
 vascular system of the mammalian spinal cord; an  
 ultrastructural study  
 p0178 N78-22692
- AUTORADIOGRAPHY**  
 Autoradiographic image intensification -  
 Applications in medical radiography  
 p0216 A78-41539
- AVIATORS**  
 U AIRCRAFT PILOTS
- AVIONICS**  
 Concerning the utilization of electronic displays  
 in the field of aeronautics  
 p0132 A78-29299  
 Human performance in aviation systems  
 [AD-A050078] p0151 N78-21771  
 Principles of engineering psychology involved in  
 optimizing control systems of aircraft and  
 spacecraft --- avionics, display devices and  
 psychological factors  
 p0183 N78-23709  
 The human operator simulator: Workload estimation  
 using a simulated secondary task  
 p0287 N78-31756
- AVOIDANCE**  
 NT COLLISION AVOIDANCE  
 Free-operant avoidance and escape from microwave  
 radiation  
 p0166 N78-22593
- AXES (REFERENCE LINES)**  
 NT AXES OF ROTATION  
 Three-dimensional anthropometry of the adult face  
 --- bioengineering for protective breathing  
 equipment  
 [AD-A054938] p0309 N78-32705
- AXES OF ROTATION**  
 The effect of the position of the axis of rotation  
 on the discomfort caused by whole-body roll and  
 pitch vibrations of seated persons  
 p0195 A78-36816
- AXONS**  
 Pathways for the circulation of pyramidal tract  
 collaterals and their role in the formation of  
 functional system apparatus  
 p0136 A78-30400  
 Complementary laminar terminations of afferents to  
 area 17 originating in area 18 and in the  
 lateral geniculate nucleus in squirrel monkey  
 p0219 A78-42822  
 Nerve form and function: Some cellular aspects of  
 action potential initiation and propagation  
 p0112 N78-18698
- AZOLES**  
 NT ACETAZOLAMIDE
- B**
- BACILLUS**  
 Morphology of extremely heat-resistant spores from  
 Bacillus sp. ATCC 27380 by scanning and  
 transmission electron microscopy  
 p0028 A78-15185  
 Dosimetric and biological results from the  
 Bacillus subtilis Biostack experiment within the  
 ASTP  
 p0267 A78-48598  
 Anaerobic utilization of phosphite and  
 hypophosphite by Bacillus sp.  
 p0301 A78-53625
- BACK INJURIES**  
 Identification and classification of vertebral  
 fractures following emergency capsule egress  
 from military aircraft  
 p0074 A78-21707  
 Learned voluntary control of systolic blood  
 pressure by spinal cord injury patients  
 p0229 N78-27745
- BACKGROUND NOISE**  
 Signal detection in psychoacoustics  
 p0003 A78-12000
- BACKSCATTERING**  
 Laser backscattering measurements on biological  
 cells: Preliminary results  
 [LA-UR-76-2462] p0085 N78-16588
- BACTERIA**  
 NT ACTINOMYCETES  
 NT BACILLUS  
 NT ESCHERICHIA  
 NT NITROBACTER  
 NT STREPTOMYCETES  
 Assignment of particle tracks to spores of  
 Bacillus subtilis on silver chloride detectors  
 p0029 A78-15192

- Multichannel electrochemical microbial detection unit  
p0137 A78-31300
- Are extreme halophiles actually 'bacteria'  
p0211 A78-40192
- Survival and reversion of a stable L form in soil  
p0212 A78-40875
- Methane-producing bacteria - Natural fractionations of the stable carbon isotopes  
p0260 A78-47667
- Archaeobacteria --- biology and chemistry  
p0260 A78-47891
- Phytanyl-glycerol ethers and squalenes in the archaeobacterium Methanobacterium thermoautotrophicum  
p0260 A78-47892
- Calcium transport in Halobacterium halobium envelope vesicles  
p0267 A78-48574
- Illumination-dependent changes in the intrinsic fluorescence of bacteriorhodopsin  
p0267 A78-48578
- The metabolism of carbohydrates by extremely halophilic bacteria - The identification of lactobionic acid as a product of lactose metabolism by Halobacterium saccharovorum  
p0301 A78-53619
- Marine microbiology [COO-3565-08]  
p0043 A78-13722
- Method and apparatus for eliminating luminol interference material [NASA-CASE-MSC-16260-1]  
p0109 A78-18674
- Rapid, quantitative determination of bacteria in water [NASA-CASE-GSC-12158-1]  
p0165 A78-22585
- Method and apparatus for continuous measurement of bacterial content of aqueous samples [NASA-CASE-MSC-16779-1]  
p0165 A78-22586
- Research and development of a luminol-carbon monoxide flow system [NASA-CR-156832]  
p0305 A78-32671
- BACTERIOLOGY**
- Anaerobic bacteriology and curriculum design for medical technology  
p0064 A78-15671
- Biological water quality monitoring using chemiluminescent and bioluminescent techniques [NASA-CR-156830]  
p0313 A78-33702
- BACTERIOPHAGES**
- Genetic effects of cosmic radiation on bacteriophage T4Br+/+ - On materials of biological experiment 'Soyuz-Apollo'  
p0269 A78-48682
- Inactivation of enteroviruses and coliphages with ozone in waters and waste waters  
p0206 A78-25745
- Coliphages survival as viral indicator in various wastewater quality effluents  
p0207 A78-25748
- BALLISTIC MISSILES**
- Occupational hazards of missile operations with special regard to the hydrazine propellants  
p0140 A78-31843
- BALLISTOCARDIOGRAPHY**
- Three-dimensional ballistocardiography in weightlessness  
p0169 A78-22624
- BALLOON FLIGHT**
- Interest of balloon flights in biology  
p0050 A78-18187
- BANDPASS FILTERS**
- NT TRACKING FILTERS**
- BANDWIDTH**
- NT BROADBAND**
- BANG-BANG CONTROL**
- U OFF-ON CONTROL**
- BANKING FLIGHT**
- U TURNING FLIGHT**
- BARDEEN APPROXIMATION**
- U ELECTRICAL PROPERTIES**
- U SURFACE PROPERTIES**
- BAROMETRIC PRESSURE**
- U ATMOSPHERIC PRESSURE**
- BARORECEPTORS**
- Role of baroreceptors in cardiac-rhythm regulation in awake animals  
p0238 A78-44215
- Sensory components of bite-force response in the rat  
p0294 A78-51875
- Influence of central venous pressure upon sinus node responses to arterial baroreflex stimulation in man [NASA-CR-155783]  
p0109 A78-18678
- Influence of low and high pressure baroreceptors on plasma renin activity in humans [NASA-CR-155307]  
p0112 A78-18701
- BAROTRAUMA**
- Clinical and physiological aspects of the evacuation of the wounded and the sick by air transport  
p0054 A78-18923
- New aspects of barotrauma in O.R.L.  
p0249 A78-28803
- BAYES THEOREM**
- Classification of sleep stage with period analysis features derived from the EEG  
p0101 A78-26737
- BAYESIAN STATISTICS**
- U BAYES THEOREM**
- BEAMS (RADIATION)**
- NT ION BEAMS**
- BED REST**
- Insulin and glucose responses during bed rest with isotonic and isometric exercise  
p0053 A78-18574
- Water-salt exchange during bedrest of varying duration [NASA-TM-75077]  
p0065 A78-15683
- Dynamics and certain mechanisms in the changes of the skeletal-muscular system of man under bedrest conditions [NASA-TM-75073]  
p0088 A78-16608
- Certain peculiarities of the functioning of the cardiovascular system in bedrest conditions during horizontal and antiothostatic body positions [NASA-TM-75075]  
p0112 A78-18699
- Some clinical aspects of prolonged clinostatic hypokinesia [NASA-TM-75114]  
p0224 A78-26725
- Kalluretic renal function in man as related to different degrees of exercise during bedrest  
p0305 A78-32675
- Dynamics of free amino acid levels in human blood plasma during bed rest in head down position  
p0306 A78-32677
- BEES**
- Hornet building orientation in a vertically rotating centrifuge  
p0269 A78-48713
- BEHAVIOR**
- NT HUMAN BEHAVIOR**
- Prospects for developing a theory of a functional system --- applications in biology and medicine  
p0135 A78-30395
- The theory of a functional system as the methodological basis for the neurophysiology of behavior  
p0135 A78-30398
- Behavioral effects of electromagnetic energy  
p0166 A78-22592
- Free-operant avoidance and escape from microwave radiation  
p0166 A78-22593
- Behavioral protocols and preliminary observations of chicks exposed to weak amplitude modulated 450 MHz fields  
p0166 A78-22595
- Interaction between microwave and neuroactive compounds  
p0166 A78-22597
- Hypoxic conditioning in kittens: Sleep-waking state and cardiorespiratory responses  
p0245 A78-28774
- BELL AIRCRAFT**
- NT UH-1 HELICOPTER**
- BENCHES**
- U SEATS**
- BENDING FATIGUE**
- Analytical model of the fatigue characteristics of bone  
p0074 A78-21710
- BENDS (PHYSIOLOGY)**
- U DECOMPRESSION SICKNESS**
- BIAS**
- NT RESPONSE BIAS**
- BIBLIOGRAPHIES**
- Chemical evolution and the origin of life -

- Bibliography supplement 1976
- Psychophysiological effects of aging: Developing a functional age index for pilots. 1. A survey of the pertinent literature [AD-A040322/0] p0303 A78-53875
- Behavioral and physiological correlates of varying noise environments: Annotated bibliography [PB-267565/0] p0006 N78-10694
- Activities of the Radiobiological Institute, the Institute for Experimental Gerontology, and the Primate Center p0007 N78-10698
- Publications of the space biology program for 1975-1977: A special bibliography [NASA-TM-79324] p0043 N78-13723
- Audio-visual proficiency testing: Annotated bibliography [AD-A048122] p0092 N78-17647
- Night vision and dark adaptation. A bibliography with abstracts [NTIS/PS-78/0206/9] p0113 N78-18704
- Annotated bibliography of the Air Force Human Resources Laboratory technical reports-1976 [AD-A051982] p0189 N78-23745
- Biological productivity in fresh water environments, volume 2. A bibliography with abstracts [NTIS/PS-78/0293] p0189 N78-23749
- The electroencephalogram in aircrew selection and aviation medicine: A survey of literature [CSR-SR-PERS-268] p0203 N78-24786
- Publications of the planetary biology program for 1976: A special bibliography [NASA-TM-75017] p0207 N78-25756
- Toxicity of vinyl chloride. A bibliography with abstracts [NTIS/PS-78/0442/0] p0210 N78-25773
- Underwater medicine and physiology, volume 2. A bibliography with abstracts [NTIS/PS-78/0414/9] p0225 N78-26730
- Human memory. A bibliography with abstracts [NTIS/PS-78/0348/9] p0232 N78-27767
- Protective clothing. Part 1: Arctic and tropical environments. A bibliography with abstracts [NTIS/PS-78/0371/1] p0233 N78-27772
- Protective clothing. Part 2: Fire and radiation environments. A bibliography with abstracts [NTIS/PS-78/0372/9] p0250 N78-28812
- Protective clothing. Part 3: Survival, aircraft, and combat environments. A bibliography with abstracts [NTIS/PS-78/0373/7] p0250 N78-28813
- Protective clothing. Part 4: Industrial environments. A bibliography with abstracts [NTIS/PS-78/0374/5] p0251 N78-28814
- Biological effects of microwaves. A bibliography with abstracts [NTIS/PS-78/0432/1] p0251 N78-28815
- Simulators in education and training, volume 2. A bibliography with abstracts [NTIS/PS-78/0378/6] p0254 N78-29745
- Simulators in education and training, volume 3. A bibliography with abstracts [NTIS/PS-78/0379/4] p0255 N78-29752
- Biochemical oxygen demand, volume 2. A bibliography with abstracts [NTIS/PS-78/0574/0] p0255 N78-29753
- Biochemical oxygen demand, volume 3. A bibliography with abstracts [NTIS/PS-78/0575/7] p0275 N78-30801
- Hypothermia. A bibliography with abstracts [NTIS/PS-78/0517/9] p0276 N78-30802
- Bionics. A bibliography with abstracts [NTIS/PS-78/0550/0] p0277 N78-30816
- Cold weather stress on humans. A bibliography with abstracts [NTIS/PS-78/0540/1] p0279 N78-31693
- Altitude hypoxia. A bibliography with abstracts [NTIS/PS-78/0443] p0284 N78-31732
- Toxicity of gaseous halogenated organic compounds. A bibliography with abstracts [NTIS/PS-78/0600/3] p0310 N78-32712
- Annotated bibliography on biological effects of metals in aquatic environments, 3d [PB-280953/1] p0310 N78-32715
- Cryobiology. A bibliography with abstracts [NTIS/PS-78/0678/9] p0311 N78-33707
- Hyperbaric oxygenation. A bibliography with abstracts [NTIS/PS-78/0676/3] p0316 N78-33724
- Anthropometry: Basic studies and applications, volume 2. A bibliography with abstracts [NTIS/PS-78/0866/0] p0316 N78-33726
- An annotated bibliography of the literature dealing with the physiological correlates of cognitive performance [AD-A057113] p0317 N78-33733
- BICARBONATES
- U CARBONATES
- BICYCLE
- Effect of alcohol and distraction task on the behavior of a person riding a bicycle simulator p0068 N78-15703
- BIG BANG COSMOLOGY
- Until the sun dies --- Book on origin of universe, life and intelligence on earth p0084 A78-24100
- BINARY SYSTEMS (DIGITAL)
- U DIGITAL SYSTEMS
- BINAURAL HEARING
- The effort of noise exposure on the masking level difference p0314 N78-33709
- BINOCULAR VISION
- Absence of color-selectivity in Duncker-type induced visual movement p0032 A78-15403
- An objective indicant of binocular vision in humans - Size-specific interocular suppression of visual evoked potentials p0055 A78-19224
- Mechanism of bifixation in the act of binocular vision p0072 A78-21181
- Monocular vision and landing performance in general aviation pilots - Cyclops revisited p0132 A78-29539
- Measurement of human vertical fusional response p0155 A78-34337
- Binocular eye movements during accommodative vergence p0211 A78-40579
- Binocular summation - A study of contrast sensitivity, visual acuity and recognition p0212 A78-40583
- Is binocular vision always monocular p0216 A78-41323
- On a hypothesis in Luneburg's theory of binocular visual space p0216 A78-41411
- The influence of colour and contour rivalry on the magnitude of the tilt after-effect --- in human visual system p0221 A78-43185
- Visual problems of pilots - Study on distance judgement of pilots p0293 A78-51500
- Visual response time to colored stimuli in peripheral retina - Evidence for binocular summation p0294 A78-51871
- Binocular interactions during establishment of McCollough effects --- color aftereffects p0295 A78-51955
- Binocular detection by normal and stereoblind observers p0299 A78-58082
- Depth vision in aviation p0249 N78-28797
- Hysteresis in human binocular fusion: A second look p0314 N78-33711
- BIOACOUSTICS
- On the origin of Korotkov sounds at diastole --- brachial artery mechanical model p0129 A78-28725
- BIOASSAY
- Acute toxicity of selected hydrazines to the common guppy p0032 A78-15254
- Variability of oxygen affinity of normal blood - An automated method of measurement p0259 A78-47209
- Cerebral energy state during or after hypoxia and complete or incomplete ischemia p0259 A78-47210



- Gravity as a biochemical determinant p0269 A78-48671
- A controlled bioassay system for measuring toxicity of heavy metals [PB-267973/6] p0005 N78-10685
- Method and apparatus for eliminating luminol interference material [NASA-CASE-MSC-16260-1] p0109 N78-18674
- Sanitary and hygienic evaluation of water regenerated from urine p0177 N78-22686
- Studies on the isolation and identification of hepatitis viruses in water p0206 N78-25744
- Biological testing of water reclaimed from purified sewage effluents p0206 N78-25747
- Research and development of a luminol-carbon monoxide flow system [NASA-CR-156832] p0305 N78-32671
- X-ray analysis of biological specimens [UR-3490-1341] p0313 N78-33704
- BIOASTRONAUTICS**
- Effect of space flight on cell-mediated immunity p0018 A78-13270
- Optimization of the habitation environment p0021 A78-13577
- The problem of self-regulation of posture --- vertical posture maintenance tests p0023 A78-13598
- Medically important micro-organisms recovered from Apollo-Soyuz Test Project /ASTP/ crew members p0030 A78-15200
- Continuous 30-day measurements utilizing the monkey metabolism pod --- study of weightlessness effects p0030 A78-15201
- Biological experiments on the orbital station Salyut 4 p0030 A78-15207
- Observations in energy balance in man during spaceflight p0048 A78-17645
- Pine seed germination at zero gravity /A Cosmos-782 experiment/ p0051 A78-18523
- The evaluation and control of the risks of contamination during the course of experiments with animals in the space environment p0059 A78-20550
- Theoretical foundations for the design of life support systems --- Russian book p0155 A78-34157
- Space flights on Soyuz spacecraft: Biomedical studies --- Russian book p0193 A78-36626
- Medical monitoring and prognosis of cosmonauts during flight p0193 A78-36632
- Results of biological experiments performed during flights --- onboard Soyuz spacecraft p0194 A78-36641
- Visual phenomena induced by relativistic carbon ions with and without Cerenkov radiation p0239 A78-45077
- Method of animal training for biosatellite p0258 A78-47110
- Microbiological study of bioecological system. I --- for Spacelab p0258 A78-47111
- Man under conditions of weightlessness --- physiological effects p0259 A78-47482
- Sensory deprivation as a problem of prolonged space flights p0259 A78-47484
- The recognition of objects against a model of cosmic sky p0264 A78-47983
- Detection of terrestrial landmarks during dark adaptation p0264 A78-47984
- The action of space flight factors on radiation effects of additional gamma-irradiation of seeds p0268 A78-48611
- Biological investigations on the orbital station 'Salyut-5' p0269 A78-48679
- Genetic effects of cosmic radiation on bacteriophage T4Br/+/- On materials of biological experiment 'Soyuz-Apollo' p0269 A78-48682
- Life sciences laboratories in Spacelab [AAS PAPER 78-011] p0301 A78-53613
- The NASA Life Sciences experiment program for Shuttle/Spacelab [AAS PAPER 78-010] p0301 A78-53615
- Space biology and medicine p0143 N78-20743
- Biological experiments on board Salyut-6 p0319 N78-34032
- BIOCHEMICAL OXYGEN DEMAND**
- Biochemical oxygen demand, volume 2. A bibliography with abstracts [NTIS/PS-78/0574/0] p0275 N78-30801
- Biochemical oxygen demand, volume 3. A bibliography with abstracts [NTIS/PS-78/0575/7] p0276 N78-30802
- BIOCHEMISTRY**
- BT BACTERIOLOGY**
- BT BIOGEOCHEMISTRY**
- Phosphagen and lactate contents of m. quadriceps femoris of man after exercise p0033 A78-15522
- On the cysteine and cystine content of proteins - Differences between intracellular and extracellular proteins p0049 A78-17854
- Problems of memory control in experiments p0051 A78-18530
- The molecular code of memory p0052 A78-18532
- Current problems of neurochemical investigations of memory p0072 A78-21348
- Role of biochemical processes in the response of biosystems to magnetic fields p0105 A78-27950
- Behavior of certain biochemical indices of the blood of rats subjected to +Gz accelerations according to different programs in tests to the tolerance limit p0106 A78-28320
- Porphyrins and phycobilins in Precambrian rocks --- for chemical evolution p0138 A78-31382
- Lack of protection against oxygen toxicity by in vivo protective agents in the isolated toad bladder p0157 A78-35102
- Concerning structural problems of biological thermodynamics p0214 A78-41017
- Characterization and study of the mechanism of the thymus factor /thymarine/ p0241 A78-45988
- Gravity as a biochemical determinant p0269 A78-48671
- Effect of age on mechanical properties and biochemical composition of the heart arteries in man p0289 A78-50531
- Lipid metabolism during exercise. I - Physiological and biochemical characterization of normal healthy male subjects in relation to their physical fitness p0292 A78-51300
- The consolidation process and some of its neurochemical mechanisms p0292 A78-51318
- Computer display and manipulation of biological molecules p0301 A78-53400
- The metabolism of carbohydrates by extremely halophilic bacteria - The identification of lactobionic acid as a product of lactose metabolism by Halobacterium saccharovorum p0301 A78-53619
- Degradation of biochemical activity in soil sterilized by dry heat and gamma radiation p0303 A78-53874
- Relations between light-induced xanthophyll conversion and the Hill reaction p0207 N78-25751
- Transcript of the Meeting Proceedings of National Commission for the Protection of Human Subjects of Biomedical and Behavioral Research

# SUBJECT INDEX

# BIODYNAMICS

- [PB-279639/9] p0232 N78-27765
- BIOCONTROL SYSTEMS**
- Individual differences during training in the case of alpha brain waves with biofeedback p0026 A78-14500
- Altered control of skin blood flow during exercise at high internal temperatures p0033 A78-15519
- Problems of memory control in experiments p0051 A78-18530
- Neuropsychological approach to the problem of brain control of the mnemonic function p0052 A78-18533
- The hypothalamus and the visual system p0081 A78-22075
- Modelling heart structure changes during adaptation to large loads p0084 A78-24249
- Hierarchical multilevel system for the control of some physiological functions p0104 A78-27572
- Possibility of existence of an auditory-feedback mechanism at the periphery of hearing p0106 A78-28122
- Systematic approach to the study of intrabrain regulation p0131 A78-29067
- Prospects for developing a theory of a functional system --- applications in biology and medicine p0135 A78-30395
- Methodological aspects of the physiology of behavior p0135 A78-30396
- Myocardial PO<sub>2</sub> distribution - Relationship to coronary autoregulation p0154 A78-33523
- Lack of protection against oxygen toxicity by in vivo protective agents in the isolated toad bladder p0157 A78-35102
- Characteristics of voluntary control of respiratory movements in man during muscular work of varying power p0197 A78-37750
- Simulation of heart structural changes upon adaptation to large loads p0212 A78-40703
- Thermodynamic criteria for the optimality of control functions of a dynamic system during transient processes in the organism p0213 A78-41008
- Neural organization and evolution of thermal regulation in mammals p0215 A78-41216
- Possibility of voluntary regulation of the heart rate p0218 A78-42657
- Role of baroreceptors in cardiac-rhythm regulation in awake animals p0238 A78-44215
- Functional stability of cerebral circulation p0242 A78-46451
- Relationships between central and local mechanisms for regulation of hemodynamics p0242 A78-46452
- Mechanisms of self-regulation of the functional system of tracking in normal and pathological states p0263 A78-47979
- Systems analysis of sympathetic functions p0270 A78-48752
- Mathematical model of the contractile activity and the chronotropicism of the myocardium p0270 A78-48755
- Use of a mathematical model for identifying the role of the cardiac component in the regulation of hemodynamics p0270 A78-48757
- Aspects of a systems approach to the analysis of the vascular mechanisms of the brain p0270 A78-48759
- Investigation of the role of basic parameters of blood circulation in the regulation of hemodynamic by means of a mathematical model, identified in an experiment p0271 A78-48761
- Effect of hypokinesia on the contractile function and neural regulation of the heart p0302 A78-53789
- Learned voluntary control of systolic blood pressure by spinal cord injury patients p0229 N78-27745
- BIODEGRADATION**
- Inactivation of enteroviruses and coliphages with ozone in waters and waste waters p0206 N78-25745
- Compiled data on the vascular aquatic plant program, 1975 - 1977 --- for sewage lagoon [NASA-TN-79511] p0223 N78-26715
- Biodegradation of shipboard wastewater in collection, holding, and transfer tanks [AD-A053643] p0251 N78-29726
- BIODYNAMICS**
- Biomechanics --- mechanical properties of soft tissue p0023 A78-13991
- The determination of biomechanical parameters of the vertebro-muscular axis in man p0058 A78-20544
- Symposium on Biodynamic Models and their Applications, 2nd, Dayton, Ohio, February 15-17, 1977, Proceedings p0073 A78-21701
- Nonlinear numerical prediction of human head/helmet crash impact response p0073 A78-21702
- Application of a fluid-filled spherical sandwich shell as a biodynamic head injury model for primates p0073 A78-21703
- Evaluation of biomechanical response and potential injury from thoracic impact p0073 A78-21704
- Biodynamic finite element models used in brain injury research p0074 A78-21705
- Finite element dynamic structural model of the human thorax for chest impact response and injury studies p0074 A78-21706
- Identification and classification of vertebral fractures following emergency capsule egress from military aircraft p0074 A78-21707
- Theory and application of a three-dimensional model of the human spine p0074 A78-21708
- Distribution of spinal disc pressures in the seated posture subjected to impact p0074 A78-21709
- Analytical model of the fatigue characteristics of bone p0074 A78-21710
- Systems identification scheme for the estimation of the linear viscoelastic properties of the intervertebral disc p0074 A78-21711
- Biodynamic model of a parachutist p0075 A78-21712
- Aerodynamic forces exerted on an articulated human body subjected to windblast p0075 A78-21713
- Validation of the CALSPAN gross-motion-simulation code with actually occurring injury patterns in aircraft accidents p0075 A78-21714
- Mathematical modeling of the head and neck response to -G/x/ impact acceleration /minimum articulation requirements/ p0075 A78-21715
- Comprehensive, three-dimensional head-neck model for impact and high-acceleration studies p0075 A78-21716
- Prediction of head/neck dynamic response of selected military subjects to -G/x/ acceleration p0075 A78-21717
- Predictive model of dynamic response of the human head/neck system to -G/x/ impact acceleration p0076 A78-21718
- Application of the response probability density function technique to biodynamic models p0076 A78-21719
- Empirical model of intracranial pressure and head motion resulting from a vibrating seated rhesus p0076 A78-21720
- Determination of optimum vibroisolation systems for a sitting human operator p0076 A78-21722

# BIOELECTRIC POTENTIAL

# SUBJECT INDEX

- Model of the supine human body and its reactions to external forces p0076 A78-21723
- Nonlinear behavior of sitting humans under increasing gravity p0077 A78-21725
- Biomechanical models for vibration feedthrough to hands and head for a semisupine pilot p0077 A78-21727
- Conceptual stress study model --- of vibration effects on human operator in tracking task p0077 A78-21728
- Model for human controller performance in vibration environments p0077 A78-21729
- Recent advances in modelling the effects of roll motion on the human operator p0077 A78-21730
- Modelling human responses to vibration p0078 A78-21731
- Vision during angular oscillation - The dynamic interaction of visual and vestibular mechanisms p0078 A78-21732
- The biomechanics of work p0100 A78-26268
- On the origin of Korotkov sounds at diastole --- brachial artery mechanical model p0129 A78-28725
- Axisymmetric vibration of human skull-brain system p0134 A78-29591
- Comparison of carotid artery mechanics in the rat, rabbit, and dog p0134 A78-29638
- New control concept of anthropomorphic manipulators p0136 A78-30508
- Cochlear dynamics - The evolution of a mathematical model p0141 A78-32196
- Hand-arm vibration. III - A distributed parameter dynamic model of the human hand-arm system p0153 A78-32781
- Results of an investigation of the rotation of a man in space p0153 A78-33253
- Individual variability and its effect on subjective and biodynamic response to whole-body vibration p0200 A78-39345
- Thermodynamic criteria for the optimality of control functions of a dynamic system during transient processes in the organism p0213 A78-41008
- Multichambered self-oscillating models of biological systems with nonspecific inhibition of active transport p0213 A78-41009
- Dynamic characteristics of heat exchange and moisture exchange in the human body p0213 A78-41011
- Concerning structural problems of biological thermodynamics p0214 A78-41017
- Dynamics of structural transformations in physiological systems receiving stresses of various intensities and lengths p0214 A78-41018
- Elasticity of excised dog lung parenchyma p0258 A78-47206
- Task-specific simulator pretraining and in-flight stress of student pilots p0265 A78-48085
- Mechanisms of interaction between receptors of the vestibular system --- Russian book p0266 A78-48522
- Whole body response of the hybrid 3 anthropomorphic test device [PB-268702/8] p0008 N78-10708
- The use of nonhuman primates in space [NASA-CP-005] p0008 N78-11663
- A review of animal flight experiments p0009 N78-11664
- The rhesus (*Macaca mulatta*) and crab-eating (*Macaca fascicularis*) monkeys in cardiovascular and aerospace research p0011 N78-11680
- Aerodynamic forces exerted on an articulated body subjected to windblast [AD-A044217] p0041 N78-12662
- Radiographic and biomechanical studies of the human spine [AD-A049984] p0149 N78-21758
- Human response to vibration under different conditions p0174 N78-22665
- Determination of the biomechanical parameters of man's vertebrum axis --- using NASTRAN p0174 N78-22666
- Noninvasive determination of bone stiffness p0177 N78-22687
- Pressure measurements of the wall after bifurcations and visual observation of streaming fluid in glass models of bifurcations p0179 N78-22699
- Biomechanical and performance response of man in six different directional axis vibration environments [AD-A052069] p0188 N78-23739
- Nonlinear biomechanical model of the cervical-thoracic transregional joint [AD-A052068] p0188 N78-23740
- PIVIB: A computer program for analysis of pilot biodynamic and tracking response to vibration [AD-A052361] p0205 N78-24802
- Equipment development for automatic anthropometric measurements [NASA-CR-151723] p0207 N78-25757
- BIOELECTRIC POTENTIAL**
- Transient visually evoked potential --- in human visual cortex p0035 A78-16078
- Steady-state evoked potentials --- in visual pathways p0035 A78-16079
- Spatiotemporal mapping of scalp potentials p0035 A78-16080
- Eye muscle potentiation does not account for adaptation in distance perception based on oculomotor cues p0036 A78-16824
- Bioelectrical expression of the activation of long-term memory and possible mechanisms of this process p0051 A78-18528
- Extremely slow bioelectrical processes of the human brain in mechanisms of memory modulation p0051 A78-18531
- Cyclic adenosine-3,5-monophosphate and photoreceptor potential of the retina in vertebrates p0072 A78-21196
- Personalized, electro-kinematic, neuromuscular model of a human forearm p0077 A78-21726
- Formation mechanism for rhythmic extended action potentials of peripheral nerves and muscles p0104 A78-27668
- Experimentally observed magnetic-field effect on electrocardiographic indices p0104 A78-27670
- The division of attention and the human auditory evoked potential p0105 A78-27748
- Noninvasive recording of electrical activity in the PR segment in man --- relationship to intracavity His bundle p0136 A78-30724
- Biological effect of a weak low-frequency pulsed electromagnetic field --- myocardium activity p0138 A78-31473
- Auditory evoked potentials elicited by tones and voice as the alarm signal p0191 A78-36328
- Cortical evoked potentials during successive visual masking p0197 A78-37748
- Nerve form and function: Some cellular aspects of action potential initiation and propagation p0112 N78-18698
- Some features of the bioelectric activity of the muscles with prolonged hypokinesia [NASA-TN-75116] p0225 N78-26727
- Determining the number and positions of measuring locations for body surface potential mapping p0228 N78-27740
- Changes in electrocerebellograms and automatic reactions of rats to accelerations p0307 N78-32684

- Dynamics of afferent impulsion in posterior spinal radices of dogs with restricted movement p0308 N78-32696
- The effects of supranormal concentrations of potassium ion and other vasoactive drugs on the visual evoked response and regional cerebral blood flow in the monkey brain p0313 N78-33701
- BIOELECTRICITY**
- Attempt at the detection of muscular bubbles through measurement of bioelectric impedance - First experimental results with affected rats and dogs p0058 A78-20541
- Current problems of neurochemical investigations of memory p0072 A78-21348
- Influence of local increase in the temperature of the anterior hypothalamus on the bioelectrical activity of the brain p0081 A78-22499
- Physics of the nerve impulse p0081 A78-23498
- The interpretation of the T wave of the electrocardiogram p0135 A78-29937
- An experimental analysis of the multiplication of a slow wave of an evoked potential --- neurophysiology p0135 A78-30397
- Pathways participating in conducting osteoreceptive signals to the Deiters vestibular nucleus p0197 A78-37856
- Study of transient processes in the visceral analyzer p0213 A78-41012
- Characteristics of electrical parameters of human skin during adaptation to high-altitude conditions p0213 A78-41013
- Study of the specific effects of microwaves on the central nervous system. I - Demonstration of modifications of cerebral electrogenesis in the rat p0257 A78-46953
- The microvibrations of the body, an index for examination stress p0272 A78-49297
- Impedance cardiography for estimating cardiac output during submaximal and maximal work p0297 A78-52544
- Functional evidence of efferent nerve endings in the human inner ear p0300 A78-53393
- BIOENGINEERING**
- NT ANTHROPOMETRY**
- NT BALLISTOCARDIOGRAPHY**
- NT BIOINSTRUMENTATION**
- NT BIOMETRICS**
- NT BIOTELEMETRY**
- NT BODY MEASUREMENT (BIOLOGY)**
- NT CARDIOGRAPHY**
- NT ECHOCARDIOGRAPHY**
- NT ELECTROCARDIOGRAPHY**
- NT ELECTROENCEPHALOGRAPHY**
- NT ELECTROMYOGRAPHY**
- NT ELECTRORETINOGRAPHY**
- NT PHONOCARDIOGRAPHY**
- NT PLETHYSMOGRAPHY**
- NT VECTORCARDIOGRAPHY**
- Service life analysis of the SPH-4 aviator helmet p0018 A78-13271
- Biocybernetic factors in human perception and memory [AD-A043773] p0007 N78-10702
- Modeling and control of the human head-neck response under impact acceleration p0062 N78-14785
- A prosthesis coupling [NASA-CASE-KSC-11069-1] p0181 N78-22721
- The design and evaluation of multilayer ultrafiltration hemo-separating systems p0229 N78-27744
- Cryobiology. A bibliography with abstracts [NTIS/PS-78-0678/9] p0313 N78-33707
- Tissue identification by ultrasound [NASA-CR-157776] p0314 N78-33716
- BIOGENESIS**
- U BIOLOGICAL EVOLUTION**
- BIOGEOCHEMISTRY**
- Formation of early earth regolith --- origins of life p0289 A78-50277
- Anaerobic utilization of phosphite and hypophosphite by *Bacillus* sp. p0301 A78-53625
- BIOINSTRUMENTATION**
- NT BIOTELEMETRY**
- NT IMPLANTED ELECTRODES (BIOLOGY)**
- Research and technology in the health field p0050 A78-18514
- Method for recording the impulsive activity of the cortex of the human brain p0053 A78-18540
- Bloodflow measurement by means of a multigate ultrasonic Doppler device --- German book p0053 A78-18744
- On some fluid mechanical solutions for long term extracorporeal oxygenators p0055 A78-19033
- Ultrasonic detection by the Doppler effect of circulating bubbles in humans and animals in altitude p0059 A78-20553
- Mechanism of bifixation in the act of binocular vision p0072 A78-21181
- The eight-sensor low-energy gamma topograph GNG-8 --- for human organism isotopic diagnosis p0131 A78-29068
- Multichannel electrochemical microbial detection unit p0137 A78-31300
- Modern electronystagmography for vestibulometry p0160 A78-35899
- Portable heart rate recorder with PLL circuit --- Phase Locked Loop p0196 A78-37235
- Oxygen electrode design criteria and performance characteristics - Recessed cathode --- for tissue oxygen tension measurement p0236 A78-43794
- A method for recording transient processes in the cardiac rhythm and its implementation p0237 A78-44094
- A subcutaneous channeling probe for implanting long leads p0294 A78-51872
- A microcinematographic method of studying the rate of circulation in the brain capillaries p0296 A78-52400
- Pacemaker related conductance changes in cardiac Purkinje fibers p0112 N78-18697
- RF dielectric properties measurement system: Human and animal data [PB-274776/4] p0114 N78-18711
- Microprocessor-based cardiopulmonary monitoring system [NASA-CR-151688] p0148 N78-21752
- Method and apparatus for continuous measurement of bacterial content of aqueous samples [NASA-CASE-MSC-16779-1] p0165 N78-22586
- Method and automated apparatus for detecting coliform organisms [NASA-CASE-MSC-16777-1] p0165 N78-22588
- Water quality monitoring system [NASA-CASE-MSC-16778-1] p0165 N78-22589
- Fluid sample collection and distribution system [NASA-CASE-MSC-16841-1] p0166 N78-22590
- Personal instrumentation for the registration of cardiovascular and electrophysiological signals p0170 N78-22630
- Experimental analysis of the information content of an aural electrical field of the human body [AD-A051096] p0188 N78-23741
- Development of a single-unit, multioutput sensing element in a force platform for use in biomechanics applications p0228 N78-27742
- Possible designs of medication monitors [PB-278973/3] p0232 N78-27766
- Bioelectrodes as sensors and as power sources for implantable medical devices [BHFT-FB-T-77-44] p0253 N78-29736
- Development and evaluation of an ultrasonic imaging system [PB-279834/6] p0284 N78-31729

# BIOLOGICAL ACTIVITY

# SUBJECT INDEX

## BIOLOGICAL ACTIVITY U ACTIVITY (BIOLOGY) BIOLOGICAL ANALYSIS U BIOASSAY BIOLOGICAL CELLS U CELLS (BIOLOGY) BIOLOGICAL CLOCKS U RHYTHM (BIOLOGY) BIOLOGICAL EFFECTS

NT RELATIVE BIOLOGICAL EFFECTIVENESS (RBE)  
Investigation of the bioelectrical activity of the  
brain under conditions of varied 24 hour lifecycle  
p0022 A78-13590  
Reinforcement of ozone action in mice by  
additional environmental compounds  
p0024 A78-14194  
Life sciences and space research XV; Proceedings  
of the Open Meeting of the Working Group on  
Space Biology, Philadelphia, Pa., June 8-19, 1976  
p0027 A78-15177  
Biological investigations of higher and lower  
plants aboard Soyuz 19 --- radiation effects on  
heredity  
p0028 A78-15190  
Assignment of particle tracks to spores of  
Bacillus subtilis on silver chloride detectors  
p0029 A78-15192  
Calculation of the radiobiological effects of  
heavy ions on eggs of Artemia salina flown in  
the Biostack experiments  
p0029 A78-15194  
Biological effects of NO, NO2, SO2 and  
combinations thereof: Acute action on human and  
rat blood in vitro - Chronic action on the lung  
and blood of rats due to pollution-level  
concentrations  
p0036 A78-16474  
Interest of balloon flights in biology  
p0050 A78-18187  
International Union of Radio Science, Annual  
Meeting, University of Massachusetts, Amherst,  
Mass., October 11-15, 1976, Proceedings ---  
microwave effects on biological systems  
p0080 A78-21876  
Measurement of microwave radiation absorbed by  
biological systems. I - Analysis of heating and  
cooling data  
p0080 A78-21877  
Measurement of microwave radiation absorbed by  
biological systems. II - Analysis by Dewar-flask  
calorimetry  
p0080 A78-21878  
Cellular glutathione is a key to the oxygen effect  
in radiation damage  
p0099 A78-25561  
Frequency discrimination following the selective  
destruction of cochlear inner and outer hair cells  
p0129 A78-28828  
The biosphere and active processes on the sun  
p0135 A78-29691  
Biological effect of a weak low-frequency pulsed  
electromagnetic field --- myocardium activity  
p0138 A78-31473  
Results of biological experiments performed during  
flights --- onboard Soyuz spacecraft  
p0194 A78-36641  
Some biological effects of high intensity, low  
frequency /60 Hz/ electric fields on small birds  
and mammals  
p0199 A78-39117  
Characteristics of electrical parameters of human  
skin during adaptation to high-altitude conditions  
p0213 A78-41013  
Specific characteristics of the effect of UV laser  
radiation on the survival of microorganisms  
p0217 A78-42635  
Life sciences research in Spacelab  
p0239 A78-44621  
Gravity as a biochemical determinant  
p0269 A78-48671  
Hypergravity - Its effect on the estrous cycle and  
hormonal levels in female rats  
p0270 A78-48722  
Inhibition of bone formation during space flight  
p0292 A78-51225  
Life sciences laboratories in Spacelab  
[AAS PAPER 78-011]  
p0301 A78-53613  
The NASA Life Sciences experiment program for  
Shuttle/Spacelab

[AAS PAPER 78-010]  
p0301 A78-53615  
Preliminary results of the scientific experiments  
on the Kosmos-936 biosatellite  
[NASA-TN-75071]  
p0043 A78-13721  
Study of the biological effects of long-term  
weightlessness in laboratory model experiments  
on mammals  
[NASA-TN-75076]  
p0085 A78-16585  
Translations on USSR science and technology:  
Biomedical and behavioral sciences, no. 20  
[JPRS-70486]  
p0089 A78-16616  
Aircrew fatigue in nonstop, transoceanic tactical  
deployments  
p0091 A78-16628  
Zone-forming fungi: Experiment MA-147  
p0092 A78-17102  
Microbial exchange: Experiment AR-002  
p0092 A78-17103  
Certain peculiarities of the functioning of the  
cardiovascular system in bedrest conditions  
during horizontal and antiorthostatic body  
positions  
[NASA-TN-75075]  
p0112 A78-18699  
Principal methods of simulating biological effects  
of weightlessness  
p0117 A78-18739  
Biological effects of low levels of radiation  
exposure --- from consumer products  
[UR-3490-1072]  
p0146 A78-20768  
Investigations of the biological effects of  
radiation: A multi-discipline approach  
[COO-2486-366]  
p0149 A78-21760  
Effects of Solar Activity on the Earth's  
Atmosphere and Biosphere  
[TT-75-50015]  
p0163 A78-22561  
Periodic activity of natural foci of plague and  
its causes  
p0163 A78-22567  
The biological activity of the disturbed  
geomagnetic field  
p0163 A78-22571  
Possible solar-activity factors affecting  
processes in the biosphere  
p0163 A78-22572  
A possible molecular mechanism by which solar  
activity affects biosphere processes ---  
associated with nonequilibrium of living systems  
p0164 A78-22574  
Solar activity and cardiovascular diseases  
p0164 A78-22575  
Sudden death from cardiovascular diseases and  
solar activity  
p0164 A78-22576  
Solar activity and the variation of blood  
coagulation between 1949 and 1966  
p0164 A78-22577  
The influence of solar activity on the  
fibrinolytic system of the blood  
p0164 A78-22578  
The mechanism of the influence of solar-activity  
oscillations on the human organism --- effect on  
mortality and human nervous system  
p0164 A78-22579  
An experimental study of the ultralow-frequency  
electromagnetic fields on warmblooded animals  
and microorganisms  
p0164 A78-22580  
Biocontamination and particulate detection system  
[NASA-CASR-WPO-13953-1]  
p0165 A78-22587  
Symposium on Biological Effects and Measurement of  
Radio Frequency/Microwaves  
[HEW-PUBL-(PDA)-77-8026]  
p0166 A78-22591  
Microwave hyperthermia and visually evoked  
potentials: Preliminary observations of guinea  
pigs  
p0166 A78-22596  
Quantitation of microwave biological effects  
p0167 A78-22599  
Comparison of calculated absorbed dose rate  
distributions in phantom heads exposed to 2450  
MHz and 915 MHz plane wave and slot sources  
p0167 A78-22605  
Neuroendocrine responses in the rat and dog  
exposed to 2450 MHz (CW) microwaves  
[UR-3490-1080]  
p0168 A78-22609  
The effect of repetitive prenatal low-level  
microwave exposure on development in the rat  
p0168 A78-22610

- Light and electron microscopic observations on the blood-brain barrier after microwave irradiation  
[PB-279584/7] p0168 N78-22611
- Calcium binding in cerebral tissue p0168 N78-22612
- Vestibulo-cochlear single unit responses to microwave radiation p0168 N78-22613
- Causes of death following occupational exposure to microwave radiation (radar) 1950 - 1974 p0168 N78-22614
- Effects of repeated microwave irradiations to the albino rabbit eye p0168 N78-22615
- Are microwave cataracts thermally caused? p0169 N78-22616
- Heat-invoked changes in ascorbic acid levels on the rabbit eye p0169 N78-22617
- The use of an ion-beam source to alter the surface morphology of biological implant materials [NASA-TM-78851] p0169 N78-22618
- Model of motion sickness in dogs used to evaluate efficacy of pharmacological agents p0176 N78-22678
- Information profiles on potential occupational hazards [PB-276678/0] p0180 N78-22712
- Development of neoplasms in dogs after chronic exposure to gamma radiation delivered at a low dose rate p0185 N78-23721
- The combined effect of volatile products of thermal oxidation decomposition of lubricating oil and hypoxic hypoxia on the organism p0185 N78-23723
- Effect of energy of superhigh-frequency electromagnetic fields on the bodies of experimental animals under different conditions of ultraviolet irradiation p0186 N78-23726
- Distinctive reactions of the body's immunological system to the combined effects of physical and chemical environmental factors p0186 N78-23727
- Reaction of central and peripheral mediator elements of the sympathoadrenal system to single exposure to alternating magnetic field p0186 N78-23729
- Copper, molybdenum, iron and manganese metabolism in rat tissues in response to a 50 Hz electric field p0187 N78-23730
- Evaluation of hygienic significance of electric field of power lines in populated areas p0187 N78-23731
- Electromagnetic field effects on growth and of plants p0187 N78-23732
- Biological effects of manganese [PB-277169] p0203 N78-24787
- Biological effects of static and low-frequency electromagnetic fields: An overview of United States literature p0204 N78-24793
- Biological testing of water reclaimed from purified sewage effluents p0206 N78-25747
- Biological effects of ionizing radiation at the molecular, cellular, and organismal levels [TID-28055] p0223 N78-26718
- Biomagnetism: A review [SLAC-PUB-1984] p0224 N78-26719
- Biological effects of nonionizing electromagnetic radiation, volume 2, no. 3, March 1978 [AD-A052779] p0247 N78-28786
- Influence of microwaves within the thermal intensity range in mice. Weight, rectal temperature, respiration, tread mill activity, reaction of senses, and learning [FOA-C-54018-H2 (H6)] p0252 N78-29730
- Topical hazard evaluation program of candidate insect repellent AI3-36331, US Department of Agriculture propriety compound [AD-A054216] p0253 N78-29741
- Biological effects of microwaves. A bibliography with abstracts [NTIS/PS-78/0432/1] p0254 N78-29745
- BEIRMOD, a computer program for calculating the effects of exposure to ionizing radiation [PB-279584/7] p0254 N78-29747
- Effect of altered gravity on temperature regulation in mammals: Investigation of gravity effect on temperature regulation in mammals [NASA-CR-157570] p0275 N78-30797
- Translations on USSR science and technology: Biomedical and behavioral sciences, no. 40. Effects on nonionizing electromagnetic radiation [JPRS-71595] p0281 N78-31705
- Magnet effects in biology p0281 N78-31709
- Late biological effects of ionizing radiation as influenced by dose, dose rate, age at exposure, and genetic sensitivity to neoplastic transformation [LA-UR-78-681] p0283 N78-31724
- Federal noise research in noise effects [PB-280335/1] p0284 N78-31733
- Three reports relevant to stress in aviation personnel [AD-A051690] p0308 N78-32699
- Development of the aviation stress protocol: Simulation and performance, physiological, and biochemical monitoring systems, phase 1 p0309 N78-32700
- Annotated bibliography on biological effects of metals in aquatic environments, 3d [PB-280953/1] p0311 N78-32715
- Biological effects of high strength electric fields on small laboratory animals [HCP/1830-03] p0313 N78-33706
- Compilation and assessment of microwave bioeffects, AO-02-01/EA81028: A selective review of the literature on biological effects of microwaves in relation to the satellite power system [PNL-2634] p0315 N78-33720
- Electrical and biological effects of transmission lines: A review [BPA-BIO-77-1] p0315 N78-33722
- Translation on USSR science and technology: Biomedical and behavioral sciences, no. 45: Effects of nonionizing electromagnetic radiation [JPRS-71910] p0316 N78-33727
- Biomedical effects of millimeter radio waves p0316 N78-33729
- The combined effect of an SHF field and an unfavorable microclimate on the body p0316 N78-33730
- BIOLOGICAL EVOLUTION**
- NT ABIOTENESIS**
- The concept of cellular evolution p0002 A78-10547
- The length of the transition period from the reducing to the neutral biosphere --- by evidence of nitrogen fixation evolution p0026 A78-14681
- A theory on the evolutionary significance of psychosomatic disease p0047 A78-17222
- Endosymbionts and mitochondrial origins p0049 A78-17851
- On the cysteine and cystine content of proteins - Differences between intracellular and extracellular proteins p0049 A78-17854
- The evolution of the protein synthesis system. I - A model of a primitive protein synthesis system p0056 A78-19363
- Origins of prokaryotes, eukaryotes, mitochondria, and chloroplasts p0080 A78-21874
- Until the sun dies --- Book on origin of universe, life and intelligence on earth p0084 A78-24100
- Biological role of terrestrial gravitation p0135 A78-29663
- Morphogenetic responses of cultured totipotent cells of carrot /Daucus carota var. carota/ at zero gravity p0135 A78-30296
- Chance and the origin of life --- chemical evolution on early earth p0138 A78-31376
- The permuted generator hypothesis for the origin of a genetic code p0138 A78-31383

- The hydrophobic effect and the organization of living matter p0195 A78-36773
- The origin of life. I - The pre-biotic era. II - Monomers to polymers p0198 A78-38448
- Polymers to living cells - Molecules against entropy p0198 A78-38449
- Are extreme halophiles actually 'bacteria' p0211 A78-40192
- Neural organization and evolution of thermal regulation in mammals p0215 A78-41216
- Phycobilins of blue-green algae in connection with the problem of the origin and evolution of life on earth p0237 A78-44018
- The evolution of the earliest cells p0260 A78-47846
- A measure of the denseness of a phylogenetic network --- by sequenced proteins from extant species p0260 A78-47890
- Archaeobacteria --- biology and chemistry p0260 A78-47891
- Phytanyl-glycerol ethers and squalenes in the archaeobacterium *Methanobacterium thermoautotrophicum* p0260 A78-47892
- Neutral changes during divergent evolution of hemoglobins p0260 A78-47893
- Evolution of sleep: Stages of formation of the wakefulness-sleep cycle in a number of vertebrates --- Russian book p0266 A78-48524
- The origin of biological macromolecules on the earth. The hypothesis of inorganic template [NASA-TN-75176] p0039 A78-12648
- BIOLOGICAL MODELS**
- U BIONICS**
- BIOLOGICAL RHYTHM**
- U RHYTHM (BIOLOGY)**
- BIOLOGY**
- NT PALEOBIOLOGY**
- Transient processes in biological systems; Conference on the Kinetics and Thermodynamics of Transient Processes in Biological Systems, Moscow, USSR, September, 12-14, 1977, Proceedings p0213 A78-41001
- Translations on USSR science and technology: Biomedical sciences, no. 13 [JPBS-70057] p0039 A78-12651
- Translations on USSR science and technology: Biomedical and behavioral sciences, no. 15 [JPBS-70168] p0041 A78-12666
- Translations on USSR science and technology: Biomedical and behavioral sciences, no. 16 [JPBS-70297] p0045 A78-13737
- BIOLOGICAL SCIENCES**
- Rapid, quantitative determination of bacteria in water [NASA-CASE-GSC-12158-1] p0165 A78-22585
- Mechanical production of excited states in biology: Mechanism, regulation and function, renewal proposal [COO-3277-47] p0207 A78-25753
- Biological water quality monitoring using chemiluminescent and bioluminescent techniques [NASA-CR-156830] p0313 A78-33702
- BIOLOGICAL PHYSICS**
- Experimentally observed magnetic-field effect on electrocardiographic indices p0104 A78-27670
- Role of biochemical processes in the response of biosystems to magnetic fields p0105 A78-27950
- Biomagnetism: A review [SIAC-PUB-1984] p0224 A78-26719
- BIOMASS ENERGY PRODUCTION**
- The problem of photosynthetic hydrogen p0051 A78-18521
- Potential of arid zone vegetation as a source of substrates [LBL-7214] p0245 A78-28777
- BIOMECHANICS**
- U BIODYNAMICS**
- BIO MEDICAL DATA**
- P-R interval in relation to heart rate during exercise and the influence of posture and autonomic tone p0004 A78-12475
- The use of methods of multivariate statistics for the automatic recognition of anomalies in records of background EEG p0052 A78-18537
- Algorithm for using the square of the correlation ratio in the analysis of the mutual influence of features --- for biomedical systems p0053 A78-18539
- Algorithm for separating bursts on physiological curves p0105 A78-27696
- Space flights on Soyuz spacecraft: Biomedical studies --- Russian book p0193 A78-36626
- Purpose of the piloted Soyuz spacecraft and medical-biological investigations p0193 A78-36627
- Medical monitoring and prognosis of cosmonauts during flight p0193 A78-36632
- Preliminary results of medicobiological studies performed during Soyuz-19 and Apollo flights p0194 A78-36642
- Physiological studies in space with nonhuman primates using the monkey pod p0009 A78-11665
- The effect of acute arterial hypoxia on the parameters of O<sub>2</sub> supply and demand in the resting gracilis muscle of the anesthetized dog p0085 A78-16589
- Biomechanical criteria of artificial gravity p0110 A78-18682
- Technique for selective catheterization of the heart and great vessels used in biomedical studies of healthy individuals p0110 A78-18686
- The biomedical effects of the hyperbaric environment [AD-A047173] p0146 A78-20766
- Hygienic appraisal of water regenerated from diverse fluid-containing waste p0176 A78-22679
- Effects on the human body of complex tests simulating flight conditions on the Salyut-4 spacecraft p0176 A78-22682
- Translations on USSR science and technology: Biomedical and behavioral sciences, no. 28. Effects of nonionizing electromagnetic radiation [JPBS-71136] p0186 A78-23724
- A miniature integrated circuit accelerometer for biomedical applications p0229 A78-27748
- A silicon absolute pressure transducer for biomedical applications p0229 A78-27749
- Transcripts of the 40th meeting proceedings of National Commission for the Protection of Human Subjects of Biomedical and Behavioral Research [PB-279916/1] p0277 A78-30815
- Translations on USSR science and technology: Biomedical and Behavioral sciences, no. 39 [JPBS-71569] p0280 A78-31697
- The effect of various drugs on experimentally induced ulcers in immobilized rats [NASA-TN-75340] p0305 A78-32670
- BIOMETRICS**
- NT ANTHROPOMETRY**
- NT BALLISTOCARDIOGRAPHY**
- NT BODY MEASUREMENT (BIOLOGY)**
- NT CARDIOGRAPHY**
- NT ECHOCARDIOGRAPHY**
- NT ELECTROCARDIOGRAPHY**
- NT ELECTROENCEPHALOGRAPHY**
- NT ELECTRONOGRAPHY**
- NT ELECTRORETINOGRAPHY**
- NT PHONOCAPDIAGNAPHY**
- NT PLETHYSMOGRAPHY**
- NT VECTORCARDIOGRAPHY**
- Dark noise in retinal bipolar cells and stability of rhodopsin in rods p0024 A78-14309
- Algorithm for separating bursts on physiological curves p0105 A78-27696
- Evaluation of congenital heart defects from dynamic tracer measurements p0130 A78-28872

- Emptying patterns of the lung studied by multiple-breath N2 washout p0131 A78-29034
- The eight-sensor low-energy gamma topograph GEG-8 --- for human organism isotopic diagnosis p0131 A78-29068
- An assessment of a N2O rebreathing method for the estimation of cardiac output during severe exercise p0259 A78-47492
- The rhesus monkey (*Macaca mulatta*) as a flight candidate p0010 N78-11674
- The chimpanzee as a flight candidate --- for cardiovascular studies p0010 N78-11675
- Automated electroencephalography system and electroencephalographic correlates of space motion sickness, part 4 [NASA-CR-151560] p0040 N78-12660
- Development of biostereometric experiments --- stereometric camera system [NASA-CR-151726] p0208 N78-25759
- CV 990 interface test and procedure analysis of the monkey restraint, support equipment, and telemetry electronics proposed for Spacelab [NASA-TM-78484] p0228 N78-27736
- Development of neurophysiological and behavioral metrics of human performance [AD-A053018] p0232 N78-27770
- Translations on USSR science and technology: Biomedical and behavioral sciences, no. 35 [JPRS-71467] p0280 N78-31694
- Translations on USSR science and technology: Biomedical and behavioral sciences, no. 40. Effects on nonionizing electromagnetic radiation [JPRS-71595] p0281 N78-31705
- BIONICS**
- Transfer functions for eye-level blood pressure during +Gz stress p0018 A78-13267
- Prediction of carboxyhemoglobin concentration from transient carbon monoxide exposure p0018 A78-13273
- Biped stability considerations with vestibular models p0083 A78-23882
- Continuous and pulse control of the horizontal motion of a biped walking apparatus p0104 A78-27154
- Linear problem of stabilizing biped walk p0104 A78-27155
- Possibility of existence of an auditory-feedback mechanism at the periphery of hearing p0106 A78-28122
- Systematic approach to the study of intrabrain regulation p0131 A78-29067
- Prospects for developing a theory of a functional system --- applications in biology and medicine p0135 A78-30395
- Hand-arm vibration. III - A distributed parameter dynamic model of the human hand-arm system p0153 A78-32781
- The experimental simulation of elastic model of artery system - Some behaviour of vascular substitute under repeated internal stress p0217 A78-42576
- Implications of spatial summation models for processes of contour perception - A geometric perspective p0221 A78-43183
- Bioengineering approach to the study of mechanisms of coding of external stimuli in the human retina and the role of these mechanisms in the visual process p0239 A78-45320
- Control of a flexible manipulator arm p0260 A78-47541
- Biological model of a self-adjusting filter p0262 A78-47965
- Analog simulation of the movements of an ideal manipulator p0266 A78-48511
- Manipulators: Dynamics and algorithms --- Russian book p0266 A78-48529
- Processes of learning complex behavior p0273 A78-49801
- The matching of biological and technical elements and systems [NASA-TM-75313] p0228 N78-27738
- A general myocybernetic control model of skeletal muscle [CSIR-SR-WISK-280] p0276 N78-30809
- Bionics. A bibliography with abstracts [NTIS/PS-78/0550/0] p0279 N78-31693
- BIOPHYSICS**
- NT HEALTH PHYSICS**
- NT PUBLIC HEALTH**
- Problems of memory control in experiments p0051 A78-18530
- Biological role of terrestrial gravitation p0135 A78-29663
- Penetration of external thermal perturbations into homeothermic organisms. I, II p0138 A78-31768
- Transient processes in biological systems; Conference on the Kinetics and Thermodynamics of Transient Processes in Biological Systems, Moscow, USSR, September 12-14, 1977, Proceedings p0213 A78-41001
- Examination of transient processes in the circulatory system in the framework of the theory of dynamic systems p0213 A78-41007
- Energy characteristics of nerve cell adaptation p0214 A78-41015
- Mathematical model of the contractile activity and the chronotropism of the myocardium p0270 A78-48755
- Modeling of the heart pumping function p0270 A78-48758
- Investigation of the role of basic parameters of blood circulation in the regulation of hemodynamic by means of a mathematical model, identified in an experiment p0271 A78-48761
- General approach to the modeling of the blood circulation p0271 A78-48762
- Heat transfer principles in personal protection applications p0292 A78-51222
- Biophysics of photosynthesis p0303 A78-53848
- Geophysical phononic energy as a source of biophysical effects [AD-A051386] p0203 N78-24785
- BIOREGENERATIVE LIFE SUPPORT SYSTEMS**
- U CLOSED ECOLOGICAL SYSTEMS**
- BIOSATELLITES**
- Morphogenetic responses of cultured totipotent cells of carrot (*Daucus carota* var. *carota*) at zero gravity p0135 A78-30296
- The mechanisms of development of morphological changes in mammals on biosatellites p0291 A78-50997
- Morphological manifestations of functional changes in the hypothalamo-hypophyseal neurosecretory system and rat kidneys under the influence of space flight factors p0111 N78-18690
- Morphology of bone marrow cells of rats on the Kosmos-605 biosatellite p0176 N78-22683
- Blood plasma corticosterone in rats after flight in Kosmos-690 biosatellite p0177 N78-22684
- Support of ASTP/KOSMOS fundulus embryo development experiment [NASA-CR-151816] p0251 N78-29724
- Methods of irradiating biological objects and results of dosimetry onboard the Kosmos-690 satellite p0306 N78-32680
- BIOSENSORS**
- U BIOINSTRUMENTATION**
- BIOSIMULATION**
- U BIONICS**
- BIOSPHERE**
- The biosphere and active processes on the sun p0135 A78-29691
- Translations on USSR science and technology: Biomedical and behavioral sciences, no. 40. Effects on nonionizing electromagnetic radiation [JPRS-71595] p0281 N78-31705



# BIOSYNTHESIS

# SUBJECT INDEX

Coagulative properties of blood and tissues of the cardiovascular system in exposure to electromagnetic fields p0281 N78-31706

Proliferation of bone marrow cells under the influence of superhigh intensity steady magnetic fields p0281 N78-31707

Possibility of attenuating the ecological effects of alternating current power lines as a result of new designs and circuit changes p0281 N78-31708

Magnet effects in biology p0281 N78-31709

## BIOSYNTHESIS

The evolution of the protein synthesis system. I - A model of a primitive protein synthesis system p0056 A78-19363

Effect of prolonged space flight on protein biosynthesis in various rat organs and tissues p0118 N78-18743

Studies of reactivity of the organism using some pharmacological tests --- catecholamine metabolism and synthesis in humans p0184 N78-23711

Functional reserves of the cardiac sympathetic system in the presence of hypoxia --- adrenergics p0185 N78-23719

Relations between light-induced xanthophyll conversion and the Hill reaction p0207 N78-25751

The 70 S monosome accumulation and in vitro initiation complex formation by Escherichia coli ribosomes at 5 C [NASA-CR-157591] p0279 N78-31691

## BIOTELEMETRY

Consideration of other primate species as flight animals p0010 N78-11679

A pocket size heart beat radio telemeter and signal decoder [AD-A043587] p0043 N78-13728

Totally implantable bidirectional pulsed Doppler blood flow telemetry: Integrated timer-exciter circuitry and Doppler frequency estimation p0093 N78-17650

Totally implantable bidirectional pulsed Doppler blood flow telemetry: Integrated ultrasonic receiver, diameter detection, and volume flow estimation p0144 N78-20753

An inductively powered telemetry system for temperature, EKG, and activity monitoring [NASA-TN-78486] p0183 N78-23706

Space Biology and Aerospace Medicine, volume 12, no. 2 [JPRS-71096] p0183 N78-23708

Implantable telemetry system for intracranial pressure monitoring and its application for acetazolamide study p0229 N78-27743

Translations on USSR science and technology: Biomedical and Behavioral sciences, no. 39 [JPRS-71569] p0280 N78-31697

A variant of portable single-channel bioradiotelemetry system p0280 N78-31702

A method of recording heat parameters of divers during work p0280 N78-31703

## BIRDS

### NT HOMEOTHERMS

### BLACKOUT (PHYSIOLOGY)

Comparison of several G-tolerance measuring methods at various seatback angles p0101 A78-26732

Medical evaluation of G-sensitive aircrewmembers p0242 A78-46416

### BLACKOUT (PROPAGATION)

### NT WHITE NOISE

### BLADDER

Lack of protection against oxygen toxicity by in vivo protective agents in the isolated toad bladder p0157 A78-35102

### BLADES (CUTTERS)

Tissue macerating instrument [NASA-CASE-LEW-12668-1] p0061 N78-14773

## BLEED-OFF

### U PRESSURE REDUCTION

### BLINDNESS

### NT FLASH BLINDNESS

### BLOOD

### NT ERYTHROCYTES

### NT LEUKOCYTES

### NT LYMPHOCYTES

### NT THROMBIN

Biological effects of NO, NO2, SO2 and combinations thereof: Acute action on human and rat blood in vitro - Chronic action on the lung and blood of rats due to pollution-level concentrations p0036 A78-16474

Influence of vestibular stimuli on adrenergic and cholinergic activity of blood p0071 A78-21177

Behavior of certain biochemical indices of the blood of rats subjected to +6z accelerations according to different programs in tests to the tolerance limit p0106 A78-28320

Influence of local decompression on serum sodium and potassium contents in athletes during exercise on a wrist ergograph p0129 A78-28493

Calibration of a new ear oximeter in humans during exposure to centrifugation p0131 A78-29035

Blood gas tension and development of lung damage in mice exposed to oxygen at 1 ATA p0133 A78-29559

Analysis of postcapillary pH changes in blood in vivo after gas exchange p0193 A78-36608

Hematological investigations --- cosmonaut peripheral blood changes p0194 A78-36638

Participation of erythrocytes in blood coagulation and fibrinolysis in healthy man p0237 A78-44093

Blood gases at several levels of oxygenation in rats with a left-shifted blood oxygen dissociation curve p0273 A78-50024

Development and testing of an implantable oxygen sensor [PB-269501/3] p0006 N78-10697

Blood fibrinolysis, coagulation and lactate in trained and untrained men at rest and after exercise p0065 N78-15677

Specialized physiological studies in support of manned space flight [NASA-CR-151626] p0095 N78-17664

Design of a blood-freezing system for leukemia research [NASA-TP-1165] p0109 N78-18673

Synthesis and biological screening of novel hybrid fluorocarbon hydrocarbon compounds for use as artificial blood substitutes [NASA-CR-155781] p0112 N78-18702

Electrolyte content of blood and potassium ion transport in erythrocytes of animals exposed to a steady magnetic field p0116 N78-18727

Effects of chronic exposure to carbon monoxide on biochemistry of human blood p0119 N78-18748

Effect of superhigh intensity constant magnetic fields on morphological composition of peripheral blood p0119 N78-18749

Changes in circulating blood volume and filling of the brain and internal organs of rats following acute and chronic hypoxia p0120 N78-18756

Oxygen content of blood during prolonged rocking p0125 N78-19766

Osmotic relationships between blood, cerebrospinal fluid and inner ear fluids p0181 N78-22714

Bag for storing whole blood [NASA-CASE-NPO-13930-1] p0208 N78-25760

Interfacial biophysics of materials in contact with blood [PB-277928/8] p0225 N78-26732

# SUBJECT INDEX

# BLOOD FLOW

- Relationship between osmotic pressure of the blood and secretion of sweat  
[NASA-TN-75461] p0313 N78-33703
- The preventive role of ultraviolet radiation during exposure to ionizing radiation  
[NASA-TN-75106] p0314 N78-33710
- BLOOD CIRCULATION**
- NT BRAIN CIRCULATION
- NT CORONARY CIRCULATION
- NT ISCHEMIA
- NT OCULAR CIRCULATION
- NT PERIPHERAL CIRCULATION
- NT PULMONARY CIRCULATION
- Circulatory adaptive reactions under hypergravity in normal and cold environments p0030 A78-15203
- Physiological responses under the action of Coriolis acceleration p0072 A78-21183
- Compensatory and adaptive responses of the mesenteric microcirculation bed in rats undergoing hypoxia p0137 A78-31250
- Effect of space flights on blood circulation and gas exchange during functional loading p0194 A78-36636
- Effective compliance of the circulation in the upright sitting posture p0197 A78-38009
- Functional system of antigravity and modeling of physiological effects of decreased gravity p0199 A78-38755
- Examination of transient processes in the circulatory system in the framework of the theory of dynamic systems p0213 A78-41007
- The problem of tension and tonus in health and disease as related to circulation p0218 A78-42660
- Adaptation of circulation to exertion p0219 A78-42667
- Intramyocardial micropump activity during rhythmic stretching of the myocardium p0219 A78-42828
- Propagation of pulsed wave in arterial vessels with allowance for preliminary stresses and muscular activity p0220 A78-42874
- Blood flow speed in microvessels of skeletal muscle p0241 A78-45987
- Investigation of the role of basic parameters of blood circulation in the regulation of hemodynamic by means of a mathematical model, identified in an experiment p0271 A78-48761
- General approach to the modeling of the blood circulation p0271 A78-48762
- The effects of burn injury and post burn cooling in the microcirculation p0093 N78-17654
- Distinctive features of regional circulation and vasomotor regulation following a two-month space flight p0115 N78-18718
- Studies of circulation during LBMP test aboard Salyut-4 orbital stations p0115 N78-18719
- Solid-state ultrasonic catheter-tip flowmeter [AD-A050963] p0253 N78-29740
- Evaluation of regional blood filling by means of rheoplethysmography combined with functional tests p0306 N78-32676
- Regional redistribution of blood during the immediate aftereffect period following exposure of rats to transverse accelerations p0308 N78-32693
- BLOOD COAGULATION**
- Blood fibrinolysis, coagulation and lactate in trained and untrained men at rest and after exercise p0065 N78-15677
- Blood clotting function during 12-day immersion in water, and the preventive role of revolving on a centrifuge p0117 N78-18733
- Solar activity and the variation of blood coagulation between 1949 and 1966 p0164 N78-22577
- The influence of solar activity on the fibrinolytic system of the blood p0164 N78-22578
- The interaction of thrombin and platelets p0229 N78-27746
- Changes in the human blood coagulating system during prolonged hypokinesia [NASA-TN-75520] p0230 N78-27754
- Coagulative properties of blood and tissues of the cardiovascular system in exposure to electromagnetic fields p0281 N78-31706
- BLOOD FLOW**
- Altered control of skin blood flow during exercise at high internal temperatures p0033 A78-15519
- Analysis of pulsatile, viscous blood flow through diseased coronary arteries of man p0035 A78-16013
- Blood flow velocity in brain capillaries during hypoxia p0053 A78-18562
- Bloodflow measurement by means of a multigate ultrasonic Doppler device --- German book p0053 A78-18744
- Temperature-dependent alterations of the surface-EKG and ECG - An investigation of the electrical transfer characteristics of the human skin p0057 A78-20340
- Time course of the cerebral circulatory response to metabolic depression p0082 A78-23648
- Influence of plasma layer on steady blood flow in microvessels p0099 A78-25234
- Comparison of several G-tolerance measuring methods at various seatback angles p0101 A78-26732
- The lack of influence of reactive hyperemia on exhausting rhythmic or static exercise p0102 A78-26745
- Effects of exercise and excitement on mesenteric and renal dynamics in conscious, unrestrained baboons p0104 A78-27124
- Evaluation of congenital heart defects from dynamic tracer measurements p0130 A78-28872
- Harmonic analysis of the left ventricular pressure waveform of the primate p0130 A78-28950
- Influence of posture on isometric fatigue p0258 A78-47207
- CSF pH and ventilatory acclimatization to altitude --- cerebrospinal fluid p0259 A78-47208
- Blood flow and relative tissue PO2 of brain and muscle - Role of carotid chemoreceptors p0297 A78-52542
- A rheological model for research on cochlear hypoxia p0300 A78-53394
- Use of the auricle-floor temperature of the rabbit as an index of skin blood flow p0303 A78-53792
- Cardiovascular studies in the rhesus monkey --- brain circulation during stress p0009 N78-11667
- Transcutaneous measurement of volume blood flow [NASA-CR-155233] p0012 N78-11691
- Totally implantable bidirectional pulsed Doppler blood flow telemetry: Integrated timer-exciter circuitry and Doppler frequency estimation p0093 N78-17650
- A new approach to ventricular dynamics: The flow-pulse response p0143 N78-20749
- Totally implantable bidirectional pulsed Doppler blood flow telemetry: Integrated ultrasonic receiver, diameter detection, and volume flow estimation p0144 N78-20753
- Modelling of oxygen autoregulation in canine skeletal muscle p0165 N78-22583
- Cerebral circulation in weightlessness: Comparison and validation of different methods p0170 N78-22626

## BLOOD PLASMA

## SUBJECT INDEX

- Comparison of blood flow in normal subjects during applications of heat, cold, and exercise at therapeutic levels p0178 N78-22691
- A model of blood flows studies p0178 N78-22698
- Modelling the thermal effects of blood flow in human skin p0179 N78-22703
- BLOOD PLASMA**
- Normal sodium balance in dogs and in man p0004 A78-12524
- Relationship between plasma lipid concentrations and coronary artery disease in 496 patients p0027 A78-15161
- Effects of training and heat acclimatization on blood plasma contents of exercising men p0049 A78-18076
- Plasma /Na<sup>+</sup>/, /Ca<sup>++</sup>/, and volume shifts and thermoregulation during exercise in man p0053 A78-18573
- Insulin and glucose responses during bed rest with isotonic and isometric exercise p0053 A78-18574
- Exercise-induced changes in blood ammonia levels in humans p0057 A78-20339
- Influence of plasma layer on steady blood flow in microvessels p0099 A78-25234
- Embryonic implantation, dietary intake, and plasma GH concentration in pregnant mice exposed to hypoxia p0157 A78-35104
- Effects of exercise, altitude, and food on blood hormone and metabolite levels p0296 A78-52538
- Plasma volume changes with movement to supine and standing positions p0297 A78-52541
- Influence of low and high pressure baroreceptors on plasma renin activity in humans [NASA-CR-155307] p0112 N78-18701
- Rotating disc induced hemolysis as influenced by disc material and blood chemistry p0123 N78-19748
- Blood plasma corticosterone in rats after flight in Fosmos-690 biosatellite p0177 N78-22684
- Dynamics of free amino acid levels in human blood plasma during bed rest in head down position p0306 N78-32677
- BLOOD PRESSURE**
- NT DIASTOLIC PRESSURE
- NT HYPERTENSION
- NT SYSTOLIC PRESSURE
- Transfer functions for eye-level blood pressure during +Gz stress p0018 A78-13267
- Remarks on tonal threshold and voice discrimination during negative acceleration in normal subjects and in subjects who have undergone endolymphatic-cerebrospinal fluid shunt operations p0020 A78-13512
- Effects of exercise and excitement on mesenteric and renal dynamics in conscious, unrestrained baboons p0104 A78-27124
- Hydrocortisone, catecholamines and arterial pressure under work load p0129 A78-28489
- Effect of exercise on pre- and postcapillary resistance in the spontaneously hypertensive rat p0154 A78-33525
- Mathematical modeling of arterial pressure transient processes during the action of vasoactive substances p0214 A78-41014
- The problem of tension and tonus in health and disease as related to circulation p0218 A78-42660
- Analysis of responses of cold pressor tests on pilots and executives [NASA-CR-143847] p0006 N78-10693
- Automatic detection of alternations in pulmonary venous pressure [LA-UR-77-531] p0044 N78-13732
- Influence of central venous pressure upon sinus node responses to arterial baroreflex stimulation in man [NASA-CR-155783] p0109 N78-18678
- Dysfunctioning of the fluid mechanical craniospinal systems as revealed by stress/strain diagrams p0179 N78-22704
- The design and evaluation of multilamellar ultrafiltration hemo-separating systems p0229 N78-27744
- BLOOD PUMPS**
- Modeling of the heart pumping function p0270 A78-48758
- BLOOD VESSELS**
- NT AORTA
- NT ARTERIES
- NT CAPILLARIES (ANATOMY)
- NT VEINS
- Blood flow speed in microvessels of skeletal muscle p0241 A78-45987
- Aspects of a systems approach to the analysis of the vascular mechanisms of the brain p0270 A78-48759
- BLOOD VOLUME**
- Plasma /Na<sup>+</sup>/, /Ca<sup>++</sup>/, and volume shifts and thermoregulation during exercise in man p0053 A78-18573
- Fluid-electrolyte shifts and maximal oxygen uptake in man at simulated altitude /2,287 m/ p0192 A78-36602
- Effects of respiration on cardiac performance p0192 A78-36604
- Effective compliance of the circulation in the upright sitting posture p0197 A78-38009
- Blood volume and body haematocrit of rats native to a simulated altitude of 3500 m p0215 A78-41214
- Plasma volume changes with movement to supine and standing positions p0297 A78-52541
- Cardio-respiratory adaptation and central blood volume during weightlessness p0170 N78-22628
- BLUE GREEN ALGAE**
- Porphyrins and phycobilins in Precambrian rocks --- for chemical evolution p0138 A78-31382
- Phycobilins of blue-green algae in connection with the problem of the origin and evolution of life on earth p0237 A78-44018
- Physiological studies of nitrogen fixation by blue-green algae p0039 N78-12647
- BMC**
- U BONE MINERAL CONTENT
- BOD**
- U BIOCHEMICAL OXYGEN DEMAND
- BODIES OF REVOLUTION**
- NT ROTATING CYLINDERS
- BODY COMPOSITION (BIOLOGY)**
- Body mass, composition, and food intake in rabbits during altered acceleration fields p0235 A78-43788
- BODY FLUIDS**
- NT BLOOD
- NT CEREBROSPINAL FLUID
- NT ENDOLYMPH
- NT ERYTHROCYTES
- NT LEUKOCYTES
- NT LYMPH
- NT LYMPHOCYTES
- NT MUCOUS
- NT SWEAT
- NT THROMBIN
- NT URINE
- Fluid-electrolyte shifts and maximal oxygen uptake in man at simulated altitude /2,287 m/ p0192 A78-36602
- Body fluid compartments in rabbits on exposure to acute hypobaric hypoxia --- with/without diuretic treatment p0215 A78-41163
- Evaporative water loss in man in a gravity-free environment p0297 A78-52543

- Fluid-electrolyte metabolism in albino rats after a flight on the Kosmos-690 biosatellite  
p0175 N78-22672
- BODY KINEMATICS**  
Validation of the CALSPAN gross-motion-simulation code with actually occurring injury patterns in aircraft accidents  
p0075 A78-21714  
Analog simulation of the movements of an ideal manipulator  
p0266 A78-48511  
A foundation for systems anthropometry, phase 1 [AD-A042890]  
p0006 N78-10696  
Kaliuretic renal function in man as related to different degrees of exercise during bedrest  
p0305 N78-32675
- BODY MEASUREMENT (BIOLOGY)**  
**NT ANTHROPOMETRY**  
Total body calcium analysis using the Ca-12(n, alpha) Ar-37 reaction  
[NASA-CR-151675]  
p0178 N78-22696
- BODY SIZE (BIOLOGY)**  
Multinational Andean Genetic and Health Program. VII - Lung function and physical growth - Multivariate analyses in high- and low-altitude populations  
p0298 A78-52639
- BODY TEMPERATURE**  
Altered control of skin blood flow during exercise at high internal temperatures  
p0033 A78-15519  
Controlling human heat content - Method and application  
p0033 A78-15582  
Prediction of heat tolerance from heart rate and rectal temperature in a temperate environment  
p0050 A78-18080  
Role of brain Ca<sup>2+</sup>/ in central control of body temperature during exercise in the monkey  
p0050 A78-18081  
Temperature-dependent alterations of the surface-EMG and ECG - An investigation of the electrical transfer characteristics of the human skin  
p0057 A78-20340  
Relationships between ambient, cockpit, and pilot temperatures during routine air operations  
p0078 A78-21734  
Characteristics of heat-sensitive neurons in the posterior hypothalamus  
p0081 A78-22498  
Influence of local increase in the temperature of the anterior hypothalamus on the bioelectrical activity of the brain  
p0081 A78-22499  
Intravascular volume and tonicity as factors in the regulation of body temperature  
p0082 A78-23603  
Characteristics of the local temperature of isolated cortex during wakefulness and alternation of sleep stages  
p0107 A78-28449  
Penetration of external thermal perturbations into homeothermic organisms. I, II  
p0138 A78-31768  
Enhancement factor in the thermoregulatory system at varying ambient temperature  
p0156 A78-34787  
Laboratory comparison of techniques for rewarming hypothermic casualties  
p0157 A78-35105  
Effect of altitude acclimatization on thermoregulation efficiency of man  
p0157 A78-35107  
Dynamic characteristics of heat exchange and moisture exchange in the human body  
p0213 A78-41011  
Indices of thermoregulatory strain for moderate exercise in the heat  
p0217 A78-42005  
Heat losses and body temperature of albino rats during hyperoxia  
p0235 A78-43642  
Cold-induced vasodilatation response at different water bath temperatures in monkeys  
p0242 A78-46411  
Convergence of skin and rectal temperatures as a criterion for heat tolerance  
p0265 A78-48083
- Loss of circadian rhythmicity in body temperature and locomotor activity following suprachiasmatic lesions in the rat  
p0267 A78-48576  
The role of a decrease in body heat content in the thermoregulatory response of ear passageways  
p0293 A78-51661  
Temperature distribution in the human body under various conditions of induced hyperthermia [NASA-TN-75139]  
p0011 N78-11688  
The influence of the journey's time of day on the de- and resynchronization of the 24-hour rhythm of body and temperature after transatlantic flights  
[ESA-TT-420]  
p0113 N78-18708  
Brain monoamines and temperature regulation  
p0123 N78-19749  
The role of clothing in achieving acceptability of environmental temperatures between 65 F and 85 F (18 C and 30 C)  
[AD-A052563]  
p0206 N78-24803  
Effect of altered gravity on temperature regulation in mammals: Investigation of gravity effect on temperature regulation in mammals  
[NASA-CR-157570]  
p0275 N78-30797  
Instrumentation for the measurement of the evaporative and radiative heat loss rates from man in a normal working mode  
p0278 N78-30819  
The effect of seawater on thermoregulator centers [NASA-TN-75443]  
p0305 N78-32669  
The effect of direct heating and cooling of heat regulation centers on body temperature  
[NASA-TN-75450]  
p0309 N78-32703
- BODY TEMPERATURE REGULATION**  
**U THERMOREGULATION**
- BODY WEIGHT**  
Gravitational influences upon the maintenance requirements of rabbits  
p0030 A78-15205  
Physiologic regulation of body energy storage  
p0219 A78-42817  
Disturbances of fat metabolism in flight crew personnel  
p0220 A78-42900  
Body mass, composition, and food intake in rabbits during altered acceleration fields  
p0235 A78-43788  
The scaling of maximal oxygen consumption and pulmonary dimensions in small mammals  
p0302 A78-53710  
The effect of repetitive prenatal low-level microwave exposure on development in the rat  
p0168 N78-22610
- BOEING AIRCRAFT**  
**NT BOEING 720 AIRCRAFT**  
**NT BOEING 737 AIRCRAFT**  
**NT BOEING 747 AIRCRAFT**  
**NT C-135 AIRCRAFT**  
**BOEING MILITARY AIRCRAFT**  
**U MILITARY AIRCRAFT**  
**BOEING 720 AIRCRAFT**  
Inquest after a civil aviation accident - Personal experience  
p0257 A78-46956
- BOEING 737 AIRCRAFT**  
Airline pilot scanning behavior during approaches and landing in a Boeing 737 simulator  
p0054 A78-18798
- BOEING 747 AIRCRAFT**  
Results of using an 'emergency medical aid box' on Air France Boeing 747 aircraft during 1975  
p0139 A78-31806
- BONE DEMINERALIZATION**  
Response of the skeletal system to helicopter-unique vibration  
p0076 A78-21721  
Experiment requirements: Vitamin D metabolites and bone demineralization, Spacelab 2, experiment no. 1  
[NASA-TN-79423]  
p0145 N78-20757
- BONE MARROW**  
Pathways participating in conducting osteoreceptive signals to the Deiters vestibular nucleus  
p0197 A78-37856  
Hemopoiesis in dogs exposed to lethal doses of protons with shielded bone marrow  
p0116 N78-18728

## BONE MINERAL CONTENT

## SUBJECT INDEX

Morphology of bone marrow cells of rats on the Kosmos-605 biosatellite p0176 N78-22683

Proliferation of bone marrow cells under the influence of superhigh intensity steady magnetic fields p0281 N78-31707

**BONE MINERAL CONTENT**

Inhibition of bone formation during space flight p0292 A78-51225

Experimental and general theoretical research p0115 N78-18717

**BONES**

NT CARILAGE

NT CEREBRUM

NT FEMUR

NT SKULL

NT VERTEBRAE

The effect of increased gravitational stress on bone p0030 A78-15206

Analytical model of the fatigue characteristics of bone p0074 A78-21710

Formation of ectopic osteogenesis in weightlessness [NASA-TM-75079] p0085 N78-16586

Bone cell collagenase p0086 N78-16597

Experimental and general theoretical research p0115 N78-18717

The application of in-vivo measurements of bone strain to Spacelab program. Preliminary results --- transducer development p0174 N78-22664

Noninvasive determination of bone stiffness p0177 N78-22687

Electrical enhancement of healing in combat injuries to hard and soft tissues [AD-A055531] p0282 N78-31718

**BOOMS (EQUIPMENT)**

KC-135 boom operator's head-up display p0084 A78-24366

A unique approach to aerial refueling simulation for training boom operators [AIAA 78-1591] p0291 A78-50666

**BOOST**

U ACCELERATION (PHYSICS)

**BOOTS (FOOTWEAR)**

Walking boot assembly [NASA-CASE-ARC-11101-1] p0096 N78-17675

Standard specification for the production of men's derby type safety boots (sewn, riveted, screwed, and stitched) [SABS-437-1977] p0205 N78-24795

**BORDERS**

Psychophysical studies of the contribution of chromatic mechanisms to the visual perception of borders 3 p0041 N78-12667

**BOTANY**

Translations on USSR science and technology: Biomedical sciences [JPRS-69970] p0011 N78-11682

Translations on USSR science and technology: Biomedical sciences, no. 13 [JPRS-70057] p0039 N78-12651

Translations on USSR science and technology: Biomedical and behavioral sciences, no. 15 [JPRS-70168] p0041 N78-12666

**BRADYCARDIA**

The biomedical effects of the hyperbaric environment [AD-A047173] p0146 N78-20766

**BRAIN**

NT BRAIN STEM

NT CEREBELLUM

NT CEREBRAL CORTEX

NT CEREBRUM

Individual differences during training in the case of alpha brain waves with biofeedback p0026 A78-14500

Response of medullary respiratory neurons to hypercapnia and isocapnic hypoxia p0033 A78-15521

Role of brain  $Ca^{2+}$  in central control of body temperature during exercise in the monkey p0050 A78-18081

Symposium on Memory Control Mechanisms, Leningrad, USSR, November 16-19, 1976, Proceedings p0051 A78-18526

Bioelectrical expression of the activation of long-term memory and possible mechanisms of this process p0051 A78-18528

Models for membranes of cerebral cells as a substrate for information storage p0051 A78-18529

Extremely slow bioelectrical processes of the human brain in mechanisms of memory modulation p0051 A78-18531

The molecular code of memory p0052 A78-18532

Neuropsychological approach to the problem of brain control of the mnemonic function p0052 A78-18533

Investigation of elementary informational mnemonic fields in the human brain p0052 A78-18535

Subcortical links of optimization of intellectual-mnemonic human activity p0052 A78-18536

Method for recording the impulsive activity of the cortex of the human brain p0053 A78-18540

Disruption of the deamination of monoamines and other nitrogenous compounds under conditions of stimulated peroxidation of endogenous lipids of brain tissue mitochondrial membranes p0056 A78-19885

Influence of local increase in the temperature of the anterior hypothalamus on the bioelectrical activity of the brain p0081 A78-22499

Systematic approach to the study of intrabrain regulation p0131 A78-29067

Influence of hyperoxia /1 ATA/ on mouse brain GABA, glutamate, and glutamine p0133 A78-29558

Evidence for cerebral extracellular fluid  $E_{+}$  as a stimulus during acclimatization to hypoxia p0140 A78-32040

REM deprivation by stimulation of the reticular formation in the rat p0302 A78-53787

Visually evoked brain potentials as aids in display design [AD-A043853] p0008 N78-10707

Effect of acceleration on brain metabolites [DLR-IB-355-76/05] p0044 N78-13733

The visually evoked magnetic field of the human brain p0065 N78-15680

The measurement of acoustical parameters and transducer accelerations in pulsatile echo-encephalography p0144 N78-20751

Pupillometric signs of brain activation vary with level of cognitive processing [AD-A050029] p0149 N78-21757

The psychological significance of the electroencephalogram [IZP-1977-6] p0204 N78-24794

Pulmonary adaptation to high altitude [AD-AC49857] p0246 N78-28783

Neurophysiological assessment of functional states of the brain --- electroencephalographic responses to workloads p0287 N78-31755

**BRAIN CIRCULATION**

Blood flow velocity in brain capillaries during hypoxia p0053 A78-18562

Effects of hypocapnia on psychomotor and intellectual performance p0241 A78-46405

Blood flow in rat brain during exposure to high oxygen pressure p0241 A78-46408

Effects of increased ambient  $CO_2$  on brain tissue oxygenation and performance in the hypoxic rhesus p0242 A78-46413

Functional stability of cerebral circulation p0242 A78-46451

Aspects of a systems approach to the analysis of the vascular mechanisms of the brain p0270 A78-48759

A microcinematographic method of studying the rate of circulation in the brain capillaries

- p0296 A78-52400  
Blood flow and relative tissue PO<sub>2</sub> of brain and muscle - Role of carotid chemoreceptors
- p0297 A78-52542  
Cardiovascular studies in the rhesus monkey --- brain circulation during stress
- p0009 N78-11667  
Changes in circulating blood volume and filling of the brain and internal organs of rats following acute and chronic hypoxia
- p0120 N78-18756  
Light and electron microscopic observations on the blood-brain barrier after microwave irradiation
- p0168 N78-22611  
The Critical Central Retinal Fusion Frequency (CCRF) as a test of the retinal circulatory function and its relation with encephalic circulation
- p0172 N78-22643  
The effects of supranormal concentrations of potassium ion and other vasoactive drugs on the visual evoked response and regional cerebral blood flow in the monkey brain
- p0313 N78-33701  
**BRAIN DAMAGE**  
Biodynamic finite element models used in brain injury research
- p0074 A78-21705  
Parameters of CNV as indicators of integrative and adaptive processes during different functional states of the central nervous system --- Contingent Negative Variation
- p0129 A78-28492  
Axisymmetric vibration of human skull-brain system
- p0134 A78-29591  
Complementary laminar terminations of afferents to area 17 originating in area 18 and in the lateral geniculate nucleus in squirrel monkey
- p0219 A78-42822  
Validation studies for head impact injury model [PB-272285/8]
- p0063 N78-14790  
**BRAIN STEM**  
Brain monoamines and temperature regulation
- p0123 N78-19749  
**BRANCHING (PHYSICS)**  
Pressure measurements of the wall after bifurcations and visual observation of streaming fluid in glass models of bifurcations
- p0179 N78-22699  
**BREATHING**  
The effect of respiration on normal and abnormal Q waves - An electrocardiographic and vectorcardiographic analysis
- p0017 A78-13148  
Criteria for quantitative evaluation of respiratory system responses
- p0302 A78-53790  
**BREATHING APPARATUS**  
NT OXYGEN MASKS  
NT UNDERWATER BREATHING APPARATUS  
Effects of using long breathing hoses upon mask pressure --- during aircraft cabin decompression
- p0100 A78-26730  
Effects of long-hose breathing --- in transport and cargo aircraft
- p0101 A78-26731  
NGL advances --- valveless LOX converter for Tornado aircraft
- p0274 A78-50085  
Aircrew and passenger protective breathing equipment studies [AD-A051002]
- p0150 N78-21768  
Respirator studies for the Nuclear Regulatory Commission. Protection Factors for supplied-air respirators [LA-7098-PB]
- p0256 N78-29760  
The artificial gill: A study of its development, theory of operation, humanistic aspects, and design
- p0276 N78-30805  
**BRIGHTNESS**  
Brightness generation in the human visual system - Colour-brightness: A contribution of cortical colour channels to brightness sensation
- p0025 A78-14417  
Monocular and binocular brightness of monochromatic lights
- p0006 N78-10690  
**BRIGHTNESS DISCRIMINATION**  
Adaptation, afterimages and cone saturation
- p0191 A78-36550  
**BRINES**  
Growth of fungi in NaCl-MgSO<sub>4</sub> brines
- p0268 A78-48653  
**BROADBAND**  
Broadband measurements of dielectric properties
- p0167 N78-22598  
**BRONCHI**  
Static mechanical properties of bronchi in normal excised human lungs
- p0235 A78-43787  
**BRONCHIAL TUBE**  
NT TRACHEA  
Particle deposition in bends and repeatedly bifurcating tubes
- p0086 N78-16592  
**BUBBLES**  
Attempt at the detection of muscular bubbles through measurement of bioelectric impedance - First experimental results with affected rats and dogs
- p0058 A78-20541  
**BUFFERS (CHEMISTRY)**  
Regulation of intracellular pH in lungs and other tissues during hypercapnia
- p0236 A78-43792  
Bag for storing whole blood [NASA-CASE-NPO-13930-1]
- p0208 N78-25760  
**BUFFETING**  
Buffet simulation for advanced simulator for pilot training ASPT [AD-A040550]
- p0096 N78-17673  
**BURNS (INJURIES)**  
Multispectral photographic analysis - A new quantitative tool to assist in the early diagnosis of thermal burn depth
- p0105 A78-27728  
Thermal characterization of superficial living tissues which have undergone different types of trauma [ONERA, TP NO. 1978-35]
- p0200 A78-39581  
The effects of burn injury and post burn cooling in the microcirculation
- p0093 N78-17654  
Development of a synthetic polymer burn covering [AD-A042459]
- p0095 N78-17667  
Laser-induced thermal damage of skin [AD-A054612]
- p0276 N78-30810  
**BUTYRIC ACID**  
Influence of hyperoxia /1 ATA/ on mouse brain GABA, glutamate, and glutamine
- p0133 A78-29558  
**BYPASSES**  
Cardiac output and aortic-pulmonary shunt studies
- p0144 N78-20754  
**C**
- C-135 AIRCRAFT**  
KC-135 boom operator's head-up display
- p0084 A78-24366  
A unique approach to aerial refueling simulation for training boom operators [ATAA 78-1591]
- p0291 A78-50666  
**CABIN ATMOSPHERES**  
NT SPACECRAFT CABIN ATMOSPHERES  
A study of aircraft cabin environment during long range flight
- p0057 A78-20537  
Cabin pressurization and explosive decompression
- p0060 A78-20561  
Prototype Bosch CO<sub>2</sub> reduction subsystem for the RLSE experiment [NASA-CR-150504]
- p0067 N78-15693  
**CADMIUM**  
Determination of the concentration of cadmium aerosol and of some other contaminants present in the atmosphere of a submarine of the Royal Dutch Navy [CL-1976-23]
- p0227 N78-26744  
**CAFFEINE**  
Caffeine consumption and target scanning performance
- p0133 A78-29542  
The effect of caffeine on human dark adaptation [AD-A043298]
- p0095 N78-17665  
**CAI**  
U COMPUTER ASSISTED INSTRUCTION

# CALCIFEROL

# SUBJECT INDEX

## CALCIFEROL

Experiment requirements: Vitamin D metabolites and bone demineralization, Spacelab 2, experiment no. 1  
[NASA-TM-79423] p0145 N78-20757

## CALCIUM

Role of brain Ca/2+ in central control of body temperature during exercise in the monkey p0050 A78-18081  
Myocardial contracture and accumulation of mitochondrial calcium in ischemic rabbit heart p0055 A78-19145  
Functions of calcium in sweat secretion p0131 A78-29253  
Calcium transport in Halobacterium halobium envelope vesicles p0267 A78-48574  
Calcium binding in cerebral tissue p0168 N78-22612

## CALCIUM METABOLISM

Energy characteristics of nerve cell adaptation p0214 A78-41015  
Total body calcium analysis using the Ca-42 (alpha) Ar-37 reaction  
[NASA-CR-151675] p0178 N78-22696

## CALCULUS

### NT TAYLOR SERIES

### CALORIC REQUIREMENTS

Physiological work capacity and efficiency of adults during short duration high intensity work while engaged in a specific low carbohydrate, low calorie diet p0087 N78-16602

### CALORIC STIMULI

Responses of the frog's cerebellar neurons to caloric vestibular stimuli of different intensity p0100 A78-26611  
Investigation of vestibular reactions during binocular equal calorization of the labyrinths p0197 A78-37749

## CALORIMETRY

### U HEAT MEASUREMENT

## CAMERA TUBES

### NT VIDICONS

## CAMERAS

Development of biostereometric experiments --- stereometric camera system  
[NASA-CR-151726] p0208 N78-25759

## CANADIAN CP-104 AIRCRAFT

### U F-104 AIRCRAFT

## CANCER

### NT LEUKEMIAS

## CANNULAE

Process for manufacturing cannula  
[NASA-CASE-NPO-14073-1] p0208 N78-25762

## CANOPIES

Acoustic evaluation of an aircraft canopy fracture emergency egress system p0141 A78-32136

## CAPE KENNEDY LAUNCH COMPLEX

Isolation and characterization of omnithermos and facultative anaerobes from Cape Canaveral soil samples p0028 A78-15183  
Determinations of microbial loads associated with microscopic-size particles of Kennedy Space Center soil p0028 A78-15184

## CAPILLARIES (ANATOMY)

Blood flow velocity in brain capillaries during hypoxia p0053 A78-18562  
Analysis of postcapillary pH changes in blood in vivo after gas exchange p0193 A78-36608

## CAPILLARY CIRCULATION

### U CAPILLARY FLOW

## CAPILLARY FLOW

Blood flow speed in microvessels of skeletal muscle p0241 A78-45987  
A microcinematographic method of studying the rate of circulation in the brain capillaries p0296 A78-52400  
The influence of tobacco from a medical standpoint on French pilots p0094 N78-17660

## CARBIDES

### NT TUNGSTEN CARBIDES

## CARBOHYDRATE METABOLISM

Glucose delivery - A modulator of glucose uptake in contracting skeletal muscle p0055 A78-19143  
Exercise-induced changes in blood ammonia levels in humans p0057 A78-20339  
Carbohydrate, lipid, and amino acid metabolism following physical exercise in man p0236 A78-43793  
Hypoxia tolerance in rats in relation to tissue glycogen levels p0265 A78-48078  
Age-related changes in glycolysis in the rat liver during high-altitude acclimatization p0273 A78-49584  
The metabolism of carbohydrates by extremely halophilic bacteria - The identification of lactobionic acid as a product of lactose metabolism by Halobacterium saccharovorum p0301 A78-53619  
Lactate dehydrogenase isozymes of rat skeletal muscles following a space flight and with hypokinesia p0111 N78-18689  
The effects of abrupt altitude exposure (4300 m) upon the metabolism of glucose-14 C-UL in man [AD-A051764] p0247 N78-28785

## CARBOHYDRATES

### NT ADENINES

### NT ADENOSINE TRIPHOSPHATE

### NT ADENOSINES

### NT CHOLINE

### NT FATS

### NT GLUCOSE

### NT GLYCOGENS

### NT LACTOSE

### NT POLYSACCHARIDES

Physiological work capacity and efficiency of adults during short duration high intensity work while engaged in a specific low carbohydrate, low calorie diet p0087 N78-16602

Carbohydrate and lipid content of rat liver tissue following a 22-day space flight p0120 N78-18755

Effect of physical loads on some parameters of lipid and carbohydrate metabolism during hypokinesia p0175 N78-22675

## CARBON

### NT CARBON ISOTOPES

Visual phenomena induced by relativistic carbon ions with and without Cerenkov radiation p0239 A78-45077

## CARBON COMPOUNDS

### NT CARBONATES

### NT POLYCARBONATES

### NT TUNGSTEN CARBIDES

## CARBON DIOXIDE

Prototype Bosch CO2 reduction subsystem for the RLSE experiment  
[NASA-CR-150504] p0067 N78-15693  
Flight prototype CO2 and humidity control system  
[NASA-CR-151591] p0067 N78-15694  
Effects of high concentrations of carbon dioxide on function of the human acoustic analyzer p0112 N78-18696  
Dynamic control of parameters of spacecraft atmosphere p0116 N78-18725  
Defense reactions of the organism while breathing high concentrations of carbon dioxide p0117 N78-18734  
An investigation of the reduction of carbon dioxide in a silent electric discharge  
[NASA-CR-152146] p0209 N78-25767

## CARBON DIOXIDE CONCENTRATION

Relationship between CO2 levels and decompression sickness - Implications for disease prevention p0100 A78-26726  
Effects of increased ambient CO2 on brain tissue oxygenation and performance in the hypoxic rhesus p0242 A78-46413  
Technology advancement of the electrochemical CO2 concentrating process  
[NASA-CR-152098] p0182 N78-22723

## CARBON DIOXIDE REMOVAL

Development of a prototype regeneration carbon

- dioxide absorber --- for use in EVA conditions  
[NASA-CR-152063] p0147 N78-20773
- Maximum expiratory flow, diffusion and CO<sub>2</sub>  
elimination during liquid ventilation p0165 N78-22582
- A comparison of the relative merits of Baralyme  
and Sodasorb [AD-A052559] p0206 N78-24804
- CARBON DIOXIDE TENSION**  
NT HYPERCAPNIA  
NT HYPOCAPNIA  
Blood gas tension and development of lung damage  
in mice exposed to oxygen at 1 ATA p0133 A78-29559
- CARBON ISOTOPES**  
Methane-producing bacteria - Natural  
fractionations of the stable carbon isotopes p0260 A78-47667
- CARBON MONOXIDE**  
Carbon monoxide [PB-274965/3] p0114 N78-18713  
Effects of chronic exposure to carbon monoxide on  
biochemistry of human blood p0119 N78-18748  
Research and development of a luminol-carbon  
monoxide flow system [NASA-CR-156832] p0305 N78-32671
- CARBON MONOXIDE POISONING**  
Prediction of carboxyhemoglobin concentration from  
transient carbon monoxide exposure p0018 A78-13273  
Effect of carbon monoxide and nitrogen dioxide on  
ICR mice p0081 A78-22494  
Effects of chronic exposure to carbon monoxide on  
biochemistry of human blood p0119 N78-18748
- CARBONATES**  
NT POLYCARBONATES  
Regulation of CSF /HCO<sub>3</sub>-/ during long-term hypoxic  
hypocapnia in man p0103 A78-26923  
Intracellular pH and bicarbonate concentration in  
human muscle during recovery from exercise p0297 A78-52545
- CARBOXYHEMOGLOBIN**  
Prediction of carboxyhemoglobin concentration from  
transient carbon monoxide exposure p0018 A78-13273
- CARBOXYLIC ACIDS**  
NT ALANINE  
NT LACTIC ACID
- CARCINOGENS**  
Investigations of the biological effects of  
radiation: A multi-discipline approach [COO-2486-366] p0149 N78-21760  
Acrylonitrile [PB-280478/9] p0310 N78-32713
- CARDIAC AURICLES**  
Atrial flutter - Electrocardiographic,  
vectorcardiographic and echocardiographic  
correlation p0271 A78-49150
- CARDIAC VENTRICLES**  
Myocardial oxygen consumption - The role of wall  
force and shortening p0019 A78-13483  
Computer analysis of the orthogonal  
electrocardiogram and vectorcardiogram in 257  
patients with aortic valve disease p0026 A78-14647  
Relation between the site of origin of ventricular  
premature complexes and the presence and  
severity of coronary artery disease p0037 A78-17134  
Predictive implications of ventricular premature  
contractions associated with treadmill stress  
testing p0050 A78-18450  
Postural effects on the noninvasive baselines of  
ventricular performance p0055 A78-19131  
The effects of exercise on the amplitude of the  
first heart sound in normal subjects p0057 A78-20361  
Relationship between maximal oxygen uptake and  
left ventricular function in exercise p0082 A78-23601
- An application of pattern recognition to  
echocardiography p0083 A78-23997
- Harmonic analysis of the left ventricular pressure  
waveform of the primate p0130 A78-28950
- Study of left ventricular wall thickness and  
dimension changes using echocardiography p0137 A78-30725
- Extent of utilization of the Frank-Starling  
mechanism in conscious dogs --- preload effects  
on myocardial regulation p0154 A78-33522
- Increased contractile potential of papillary  
muscles from exercise-trained rat hearts p0154 A78-33524
- Alterations in left ventricular function in normal  
man on exposure to high altitude /3658 m/ p0155 A78-34083
- Assessment of correction formula for  
echocardiographic estimations of left  
ventricular volumes p0155 A78-34084
- Roles of psychologic stress and autonomic nervous  
system changes in provocation of ventricular  
premature complexes p0196 A78-37175
- Resistance of the myocardium to loads under  
high-altitude conditions p0218 A78-42658
- Rapid changes in left ventricular dimensions and  
mass in response to physical conditioning and  
deconditioning p0220 A78-42847
- Investigation of the output of the left ventricle  
of the human heart p0270 A78-48756
- Resting values of left ventricular work to  
coronary blood flow ratio in rats exposed to  
intermittent high altitude hypoxia and swimming p0292 A78-51299
- Comprehensive study interrelating cardiac function  
and fundamental muscle mechanics p0086 A78-16595
- A new approach to ventricular dynamics: The  
flow-pulse response p0143 N78-20749
- Processing of echocardiographic data for automatic  
detection of moving heart structures p0228 N78-27741
- CARDIOGRAPHY**  
NT BALLISTOCARDIOGRAPHY  
NT ECHOCARDIOGRAPHY  
NT ELECTROCARDIOGRAPHY  
NT PHONOCARDIOGRAPHY  
NT VECTORCARDIOGRAPHY  
The kinetocardiogram during the isoproterenol test  
for the assessment of coronary heart disease p0055 A78-19130  
Quantitative radionuclide angiography in the right  
anterior oblique view - Comparison with contrast  
ventriculography p0136 A78-30650  
Electrical impedance cardiogram in derivation of  
systolic time intervals p0154 A78-34082  
Some aspects and achievements of the application  
of mathematical analysis to cardiac rhythmology p0198 A78-38753  
Phase structure of the diastole of trained heart p0218 A78-42656  
Characteristics of variation of hemodynamics  
during high-altitude hypoxia p0219 A78-42665  
Electric impedance and mechanical recording,  
cardiovascular investigative methods in air  
medicine p0257 A78-46951  
Impedance cardiography for estimating cardiac  
output during submaximal and maximal work p0297 A78-52544  
Cardiovascular studies using the chimpanzee (Pan  
troglodytes) p0010 N78-11672  
Evaluating the work load of helicopter pilots.  
In-flight recordings of heart rate and cardiac  
arrhythmia p0090 N78-16626



- Pacemaker related conductance changes in cardiac Purkinje fibers p0112 N78-18697
- CARDIOLOGY**
- Modern concepts on the contraction-relaxation mechanism of the myocardium p0198 A78-38752
- Microprocessor-based cardiopulmonary monitoring system [NASA-CR-151688] p0148 N78-21752
- Functional reserves of the cardiac sympathetic system in the presence of hypoxia --- adrenergics p0185 N78-23719
- CARDIOTACHOMETERS**
- A method for recording transient processes in the cardiac rhythm and its implementation p0237 A78-44094
- CARDIOVASCULAR SYSTEM**
- NT AORTA
- NT ARTERIES
- NT BLOOD VESSELS
- NT CAPILLARIES (ANATOMY)
- NT CARDIAC AURICLES
- NT CARDIAC VENTRICLES
- NT DIASTOLE
- NT ERYTHROCYTES
- NT HEART
- NT HEMATOPOIESIS
- NT LEUKOCYTES
- NT LYMPHOCYTES
- NT MYOCARDIUM
- NT SYSTOLE
- NT THROMBIN
- NT VEINS
- Anti-G suit effect on cardiovascular dynamic changes due to +Gz stress p0032 A78-15516
- Effects of acute prolonged hypoxia on cardiovascular dynamics in dogs p0033 A78-15518
- Cardiovascular response during manned space flights [IAF PAPER 77-252] p0034 A78-15931
- Physiological evaluation of pulmonary dilational and enzymatic activity on blood-borne catecholamines in cardiocirculatory performance p0055 A78-19132
- Alpha-2-macroglobulin dosage, protamine test, and vascular-risk factors detected in civilian and military flight personnel p0059 A78-20555
- Mathematical model of the cardiovascular system under acceleration stress p0077 A78-21724
- Dynamics of cardiorespiratory system indicators in healthy man during passive orthostatic test p0129 A78-28490
- Cardiovascular-respiratory reflex interactions between carotid bodies and upper-airways receptors in the monkey p0134 A78-29639
- The cardiovascular fitness of airline pilots - Report of a working party of the Cardiology Committee of the Royal College of Physicians of London p0159 A78-35850
- Hypodynamia and the cardiovascular system --- Russian book p0197 A78-37884
- Exercise in cardiovascular health and disease --- Book p0197 A78-38053
- Some problems regarding the participation of the cerebral cortex in the regulation of the cardiovascular system p0199 A78-38754
- Differences in cardio-respiratory responses to exhaustive exercise between athletes and non-athletes p0201 A78-39747
- Cardiovascular responses to the simulated diving in man and rat p0216 A78-41528
- The experimental simulation of elastic model of artery system - Some behaviour of vascular substitute under repeated internal stress p0217 A78-42576
- Variation of the reactivity of resistive and capacitive organ vessels during adaptation to highland conditions p0219 A78-42666
- Functional state of the cardiovascular system with regard to the longterm effect of low acceleration p0220 A78-42898
- Continuing studies of noise and cardiovascular function p0240 A78-45510
- Use of vectorcardiography for the detection of +Gz-related cardiac pathology in miniature swine p0241 A78-46410
- Relationships between central and local mechanisms for regulation of hemodynamics p0242 A78-46452
- Modulation of autonomic correlates of emotional stress and adaptive responses p0242 A78-46453
- Adaptive cardiovascular changes to physical training in spontaneously hypertensive and normotensive rats p0258 A78-46981
- Continuous metabolic and cardiovascular measurements on a monkey subject during a simulated 6-day Spacelab mission p0269 A78-48719
- Realignments of the cardiovascular system of a human operator under the action of negative gravity p0270 A78-48760
- Investigation of the role of basic parameters of blood circulation in the regulation of hemodynamic by means of a mathematical model, identified in an experiment p0271 A78-48761
- General approach to the modeling of the blood circulation p0271 A78-48762
- Effect of impulse accelerations on the condition of the cardiovascular system of healthy people p0296 A78-52274
- Effect of altitude on dietary-induced thermogenesis at rest and during light exercise in man p0296 A78-52537
- U.S. fatal general aviation accidents due to cardiovascular incapacitation: 1974-75 p0298 A78-52644
- Cardiovascular studies in the rhesus monkey --- brain circulation during stress p0009 N78-11667
- Cardiovascular studies using the chimpanzee (Pan troglodytes) p0010 N78-11672
- The chimpanzee as a flight candidate --- for cardiovascular studies p0010 N78-11675
- The pig-tailed monkey (Macaca nemestrina) as a space-flight candidate --- for cardiovascular studies p0010 N78-11678
- The rhesus (Macaca mulatta) and crab-eating (Macaca fascicularis) monkeys in cardiovascular and aerospace research p0011 N78-11680
- Autogenic training used for self-regulation of cardiovascular function and prevention of neurocirculatory dystonia in pilot candidates p0111 N78-18694
- Certain peculiarities of the functioning of the cardiovascular system in bedrest conditions during horizontal and antiorthostatic body positions [NASA-TM-75075] p0112 N78-18699
- Influence of low and high pressure baroreceptors on plasma renin activity in humans [NASA-CR-155307] p0112 N78-18701
- Cardiovascular reactions to orthostatic tests and human resistance to vestibular stimuli p0115 N78-18724
- Cardiac output and aortic-pulmonary shunt studies p0144 N78-20754
- Solar activity and cardiovascular diseases p0164 N78-22575
- Sudden death from cardiovascular diseases and solar activity p0164 N78-22576
- Solar activity and the variation of blood coagulation between 1949 and 1966 p0164 N78-22577

- Three-dimensional ballistocardiography in weightlessness  
p0169 N78-22624
- Electrical impedance and mechanography, methods of cardio-vascular investigation in space  
p0169 N78-22625
- Cardio-respiratory adaptation and central blood volume during weightlessness  
p0170 N78-22628
- Personal instrumentation for the registration of cardiovascular and electrophysiological signals  
p0170 N78-22630
- Noninvasive, real-time examination of atrioventricular conduction system  
p0178 N78-22695
- Zero gravity and cardiovascular homeostasis. The relationship between endogenous hyperprolactinemia and plasma aldosterone [NASA-CR-151715]  
p0179 N78-22705
- A crossed beam Doppler ultrasound concept for improved detection of atherosclerosis [PB-276859/6]  
p0187 N78-23737
- Metabolic and cardiovascular adaptation, monkey. NASA SMD 3, project 76, experiment 44 conducted at NASA/JSC, 14-25 May 1977  
p0203 N78-24784
- Cardiovascular function during a reaction time task and mental arithmetic  
p0246 N78-28778
- Cardiovascular, renal and respiratory effects of high intensity, intermediate duration, low frequency vibration [AD-A050158]  
p0247 N78-28784
- Coagulative properties of blood and tissues of the cardiovascular system in exposure to electromagnetic fields  
p0281 N78-31706
- Investigation of possibility of using lower body negative pressure test for screening cosmonaut candidates  
p0305 N78-32674
- Physical fitness of permanent lowland and highland residents  
p0306 N78-32679
- Assessment of cardiovascular function after exposure to the aviation stress protocol: Simulation  
p0309 N78-32701
- Cardiorespiratory assessment of decongestant-antihistamine effects on altitude, +Gz, and fatigue tolerances --- pilot performance [AD-A055089]  
p0310 N78-32707
- Compilation and assessment of microwave bioeffects, AO-02-01/EA81028: A selective review of the literature on biological effects of microwaves in relation to the satellite power system [PNL-2634]  
p0315 N78-33720
- CARGO AIRCRAFT**  
NT C-135 AIRCRAFT  
Effects of long-hose breathing --- in transport and cargo aircraft  
p0101 A78-26731
- CAROTENE**  
Relations between light-induced xanthophyll conversion and the hill reaction [NRC/CNR-TT-1921]  
p0207 N78-25751
- CAROTID SINUS BODY**  
Cardiovascular-respiratory reflex interactions between carotid bodies and upper-airways receptors in the monkey  
p0134 A78-29639
- Measurements of potassium changes in the cat carotid body under hypoxia and hypercapnia  
p0272 A78-49299
- CARTILAGE**  
Responses of articular and epiphyseal cartilage zones of developing avian radii to estrone treatment and a 2-G environment  
p0134 A78-29562
- Effects of fracture trauma, estrone treatment, and a 2-G environment on the epiphyseal cartilage zones of developing avian radii  
p0298 A78-52643
- CARTOGRAPHY**  
U MAPPING
- CASE HISTORIES**  
Psychogenic G-force intolerance revisited
- CASUALTIES**  
Inquest after a civil aviation accident - Personal experience  
p0079 A78-21747  
p0257 A78-46956
- CATALYSIS**  
NT AUTOCATALYSIS  
**CATALYTIC ACTIVITY**  
Photocatalytic oxidation of organic compounds on Mars  
p0292 A78-51137
- The interaction of thrombin and platelets  
p0229 N78-27746
- CATARACTS**  
The origin of cataracts in the lens from infrared laser radiation [AD-A046165]  
p0061 N78-14779
- Cataractogenic effect of 25 and 50 MeV protons  
p0119 N78-18751
- Are microwave cataracts thermally caused?  
p0169 N78-22616
- CATASTROPHE THEORY**  
Concerning the modeling of the critical periods of plant ontogenesis as transient processes in the organism  
p0214 A78-41016
- CATECHOLAMINE**  
NT EPINEPHRINE  
Catecholamine excretion in helicopter pilots  
p0019 A78-13507
- Physiological evaluation of pulmonary dilutional and enzymatic activity on blood-borne catecholamines in cardiocirculatory performance  
p0055 A78-19132
- Effect of isometric exercise on catecholamines in the coronary circulation  
p0057 A78-20341
- Effects of 6 hours hypoxic and cold exposure on urinary electrolyte and catecholamine excretion  
p0079 A78-21743
- Hydrocortisone, catecholamines and arterial pressure under work load  
p0129 A78-28489
- Interrelationship of catecholamines and corticosteroids during muscle fatigue  
p0156 A78-34785
- Urinary catecholamine excretion in temporary residents of high altitude  
p0192 A78-36606
- Studies of reactivity of the organism using some pharmacological tests --- catecholamine metabolism and synthesis in humans  
p0184 N78-23711
- CATHETERIZATION**  
Technique for selective catheterization of the heart and great vessels used in biomedical studies of healthy individuals  
p0110 N78-18686
- Noninvasive, real-time examination of atrioventricular conduction system  
p0178 N78-22695
- Application to animals and humans of a continuous monitoring oxygen system [PB-276448/8]  
p0180 N78-22713
- CATHETEROMETERS**  
Solid-state ultrasonic catheter-tip flowmeter [AD-A050963]  
p0253 N78-29740
- CATHODES**  
Oxygen electrode design criteria and performance characteristics - Recessed cathode --- for tissue oxygen tension measurement  
p0236 A78-43794
- CELESTIAL BODIES**  
NT COMETS  
NT MARS (PLANET)  
NT MILKY WAY GALAXY  
NT NEPTUNE (PLANET)  
NT SOLAR SYSTEM  
NT URANUS (PLANET)
- CELESTIAL NAVIGATION**  
NT ASTRONAVIGATION
- CELLS (BIOLOGY)**  
NT AXONS  
NT CARBOXYHENOGLLOBIN  
NT CHROMOSOMES  
NT COLLAGENS  
NT ERYTHROCYTES  
NT HEMATOPOIESIS  
NT HEMOGLOBIN

## CENTRAL NERVOUS SYSTEM

## SUBJECT INDEX

- NT LEUKOCYTES  
 NT LYMPHOCYTES  
 NT MITOCHONDRIA  
 NT NEURONS
- The concept of cellular evolution p0002 A78-10547
- Effect of space flight on cell-mediated immunity p0018 A78-13270
- Response of cultured mammalian cells to accelerated krypton particles p0029 A78-15196
- Compartmentalization in proteinoid microspheres p0035 A78-16015
- Endosymbionts and mitochondrial origins p0049 A78-17851
- On the cysteine and cystine content of proteins - Differences between intracellular and extracellular proteins p0049 A78-17854
- Interest of balloon flights in biology p0050 A78-18187
- Models for membranes of cerebral cells as a substrate for information storage p0051 A78-18529
- Regulation of the functional activity of human cells by means of laser radiation p0071 A78-20822
- Origins of prokaryotes, eukaryotes, mitochondria, and chloroplasts p0080 A78-21874
- The hydrophobic effect and the organization of living matter p0195 A78-36773
- Polymers to living cells - Molecules against entropy p0198 A78-38449
- Visual cells, daily rhythms, and vision research p0212 A78-40582
- Alterations in the surface properties of cells responsive to nerve growth factor p0217 A78-42459
- Complementary laminar terminations of afferents to area 17 originating in area 18 and in the lateral geniculate nucleus in squirrel monkey p0219 A78-42822
- Regulation of intracellular pH in lungs and other tissues during hypercapnia p0236 A78-43792
- The evolution of the earliest cells p0260 A78-47846
- Is gravity a morphological determinant in plants at the cellular level p0269 A78-48699
- Respiratory activity of mitochondria in corn-root cells, grown under conditions of variable gravity p0293 A78-51394
- Regions of differential cell elongation and mitosis, and root meristem morphology in different tissues of geotropically stimulated maize root apices p0298 A78-52631
- Controlled cellular energy conversion in brown adipose tissue thermogenesis p0299 A78-52698
- Laser backscattering measurements on biological cells: Preliminary results [LA-UR-76-2462] p0085 A78-16588
- Bone cell collagenase p0086 A78-16597
- The description of a system to irradiate cells in culture with microwaves p0167 A78-22607
- Control of cell growth and hormone levels by gravity p0173 A78-22651
- General remarks and techniques for space cell biology p0173 A78-22659
- Physiological changes in space travel and the cellular membrane involvement p0174 A78-22661
- Expected effects of weightlessness on cell ultrastructure p0174 A78-22662
- Morphology of bone marrow cells of rats on the Kosmos-605 biosatellite p0176 A78-22683
- The role of cell membranes in the regulation of lignification in pine cells [NASA-CR-157156] p0203 A78-24783
- Assessment of pancreas cells [NASA-CR-151744] p0228 A78-27737
- Self diffusion in cells and tissues [AD-A053422] p0251 A78-29727
- Proliferation of bone marrow cells under the influence of superhigh intensity steady magnetic fields p0281 A78-31707
- Analytical study of electrophoretic characterization of kidney cells --- conducted during the Apollo Soyuz Test Project [NASA-CR-150790] p0282 A78-31713
- Volume-restricted freezing of living cells and tissues [ORNL/MIT-265] p0313 A78-33705
- Physical mechanisms for biological effects of ultrasound [PB-282234/4] p0316 A78-33725
- Cellular and molecular effects and the mechanism of action of microwave electromagnetic fields on biological systems p0316 A78-33728
- CENTRAL NERVOUS SYSTEM
- NT BRAIN
- NT BRAIN STEM
- NT CEREBELLUM
- NT CEREBRAL CORTEX
- NT CEREBRUM
- NT SPINAL CORD
- NT SPINE
- NT THALAMUS
- Rat lung hyper-reactivity to stress p0079 A78-21745
- A central nervous component in local muscular fatigue p0102 A78-26743
- Parameters of CNV as indicators of integrative and adaptive processes during different functional states of the central nervous system --- Contingent Negative Variation p0129 A78-28492
- Pathways for the circulation of pyramidal tract collaterals and their role in the formation of functional system apparatus p0136 A78-30400
- Influence of a GABA transaminase inhibitor on central nervous system oxygen toxicity --- gamma-aminobutyric acid induced convulsions p0214 A78-41160
- Characteristics of pressor response during voluntary and induced contraction of skeletal muscles p0218 A78-42662
- Complementary laminar terminations of afferents to area 17 originating in area 18 and in the lateral geniculate nucleus in squirrel monkey p0219 A78-42822
- Functional stability of cerebral circulation p0242 A78-46451
- Study of the specific effects of microwaves on the central nervous system. I - Demonstration of modifications of cerebral electrogenesis in the rat p0257 A78-46953
- Effect of suprachiasmatic lesions on diurnal heart rate rhythm in the rat p0267 A78-48580
- Vestibulo-cochlear single unit responses to microwave radiation p0168 A78-22613
- Conditioned reflex activity of rats at later periods after the end of flight aboard the Kosmos-605 biosatellite [NASA-TN-75523] p0223 A78-26716
- The effect of various drugs on experimentally induced ulcers in immobilized rats [NASA-TN-75340] p0305 A78-32670
- CENTRAL NERVOUS SYSTEM STIMULANTS
- Effect of a psychostimulant on the behavior of pilot trainees during training in a flight simulator p0059 A78-20556
- CENTRIFUGES
- NT HUMAN CENTRIFUGES
- Blood clotting function during 12-day immersion in water, and the preventive role of revolving on a centrifuge p0117 A78-18733

- CENTRIFUGING**  
 Vestibular tests during space flight p0171 A78-22635
- CENTRIFUGING STRESS**  
 Penur-bending properties as influenced by gravity.  
 III Sex-related weakness after 4-G mouse growth p0017 A78-13266  
 Gravitational influences upon the maintenance  
 requirements of rabbits p0030 A78-15205  
 The effect of increased gravitational stress on bone p0030 A78-15206  
 Chronic acceleration in plants p0031 A78-15208  
 Observable effects in and human adaptation to  
 rotating environments p0047 A78-17192  
 Variation of the corticosteroid composition of the  
 urine under the action of simulated orthostatic  
 stressing under high-g conditions p0073 A78-21373  
 Nonlinear behavior of sitting humans under  
 increasing gravity p0077 A78-21725  
 Histological studies of eyeballs of experimental  
 animals subjected to accelerations p0106 A78-28319  
 Behavior of certain biochemical indices of the  
 blood of rats subjected to +Gz accelerations  
 according to different programs in tests to the  
 tolerance limit p0106 A78-28320  
 Influence of specific and nonspecific training on  
 +Gz acceleration tolerance of rats p0106 A78-28321  
 Spatial distribution of pulmonary blood flow in  
 dogs in increased force environments p0130 A78-29032  
 Calibration of a new ear oximeter in humans during  
 exposure to centrifugation p0131 A78-29035  
 Time course of change in soleus muscle fibers of  
 rats subjected to chronic centrifugation p0161 A78-36156  
 Functional state of the cardiovascular system with  
 regard to the longterm effect of low acceleration p0220 A78-42898  
 Body mass, composition, and food intake in rabbits  
 during altered acceleration fields p0235 A78-43788  
 Visual work capacity under the action of overloads  
 and elevated temperature p0263 A78-47972  
 Rat growth during chronic centrifugation p0268 A78-48640  
 Hornet building orientation in a vertically  
 rotating centrifuge p0269 A78-48713  
 Effects of fracture trauma, estrone treatment, and  
 a 2-G environment on the epiphyseal cartilage  
 zones of developing avian radii p0298 A78-52643  
 Configuration of the chest wall during increased  
 gravitational stress in erect humans p0302 A78-53709
- CERANAL PROTECTIVE COATINGS**  
 U PROTECTIVE COATINGS
- CEREBELLUM**  
 Responses of the frog's cerebellar neurons to  
 caloric vestibular stimuli of different intensity p0100 A78-26611  
 Relationships between central and local mechanisms  
 for regulation of hemodynamics p0242 A78-46452  
 Changes in electrocerebellograms and automatic  
 reactions of rats to accelerations p0307 A78-32684
- CEREBRAL CORTEX**  
 Magnification in striate cortex and retinal  
 ganglion cell layer of owl monkey - A  
 quantitative comparison p0032 A78-15313  
 The retinex theory of color vision p0034 A78-15903  
 Electrophysiological techniques for studying  
 visual function in man - A historical overview p0035 A78-16076  
 Transient visually evoked potential --- in human  
 visual cortex p0035 A78-16078
- Method for recording the impulsive activity of the  
 cortex of the human brain p0053 A78-18540  
 Cortical magnification factor predicts the  
 photopic contrast sensitivity of peripheral vision p0057 A78-20324  
 Local perfusion of noradrenaline maintains visual  
 cortical plasticity p0103 A78-26778  
 Characteristics of the local temperature of  
 isolated cortex during wakefulness and  
 alternation of sleep stages p0107 A78-28449  
 Parameters of CNV as indicators of integrative and  
 adaptive processes during different functional  
 states of the central nervous system ---  
 Contingent Negative Variation p0129 A78-28492  
 The functional and chemical characteristics of  
 choline-sensitive neurons in the cortex of the  
 brain p0136 A78-30399  
 Pathways for the circulation of pyramidal tract  
 collaterals and their role in the formation of  
 functional system apparatus p0136 A78-30400  
 Cortical evoked potentials during successive  
 visual masking p0197 A78-37748  
 Some problems regarding the participation of the  
 cerebral cortex in the regulation of the  
 cardiovascular system p0199 A78-38754  
 Comparison of ontogenetic differences in the  
 activity of mediatory-exchange ferments  
 /monoamine oxydase and glutamate decarboxylase/  
 in the mitochondrial fractions of the cortical  
 and hypothalamic regions p0238 A78-44275  
 Calcium binding in cerebral tissue p0168 A78-22612  
 Cerebral circulation in weightlessness:  
 Comparison and validation of different methods p0170 A78-22626
- CEREBRAL VASCULAR ACCIDENTS**  
 Effect of atropine upon the cerebrovascular system  
 during GD-induced respiratory depression  
 [AD-A054807] p0276 A78-30811
- CEREBROSPINAL FLUID**  
 Remarks on tonal threshold and voice  
 discrimination during negative acceleration in  
 normal subjects and in subjects who have  
 undergone endolymphatic-cerebrospinal fluid  
 shunt operations p0020 A78-13512  
 Regulation of CSF /HCO<sub>3</sub>-/ during long-term hypoxic  
 hypocapnia in man p0103 A78-26923  
 Evidence for cerebral extracellular fluid H<sup>+</sup>/ as  
 a stimulus during acclimatization to hypoxia p0140 A78-32040  
 CSF pH and ventilatory acclimatization to altitude  
 --- cerebrospinal fluid p0259 A78-47208  
 Dysfunctioning of the fluid mechanical  
 craniospinal systems as revealed by  
 stress/strain diagrams p0179 A78-22704  
 Osmotic relationships between blood, cerebrospinal  
 fluid and inner ear fluids p0181 A78-22714
- CEREBRUM**  
 Time course of the cerebral circulatory response  
 to metabolic depression p0082 A78-23648  
 Blood flow in rat brain during exposure to high  
 oxygen pressure p0241 A78-46408  
 Cerebral energy state during or after hypoxia and  
 complete or incomplete ischemia p0259 A78-47210  
 Cerebral activation and placement of  
 visual displays [AD-A046478] p0067 A78-15698  
 Protective effects of 2-aminobenzimidazole during  
 hyperbaric oxygenation, and state of cerebral  
 nitrogen metabolism p0307 A78-32687

## CERENKOV EFFECT

## U CERENKOV RADIATION

## CERENKOV RADIATION

Apollo-Soyuz light-flash observations --- ionizing radiation effects measurement

p0029 A78-15191

Visual phenomena induced by relativistic carbon ions with and without Cerenkov radiation

p0239 A78-45077

## CESSNA AIRCRAFT

## NT T-37 AIRCRAFT

## CESSNA MILITARY AIRCRAFT

## U MILITARY AIRCRAFT

## CF-104 AIRCRAFT

## U F-104 AIRCRAFT

## CHAINS

Multi-rigid-body system dynamics with applications to human-body models and finite-segment cable models

[AD-A052868] p0227 N78-26743

## CHAIRS

## U SEATS

## CHALCOGENIDES

## NT CARBON DIOXIDE

## NT CARBON MONOXIDE

## NT NITRIC OXIDE

## NT NITROGEN DIOXIDE

## NT NITROGEN OXIDES

## NT NITROUS OXIDES

## NT PHOSPHORUS OXIDES

## NT SILICON DIOXIDE

## NT SULFUR DIOXIDES

## CHANCE-VOUGHT MILITARY AIRCRAFT

## U MILITARY AIRCRAFT

## CHANNEL FLOW

Stochastic models of algal photosynthesis in turbulent channel flow

p0032 A78-15380

Flow of micropolar fluid through a constricted channel

p0056 A78-19993

## CHANNELS (DATA TRANSMISSION)

Multichannel electrochemical microbial detection unit

p0137 A78-31300

## CHARACTER RECOGNITION

Thematic filtering algorithms and their use in recognition of complex images

p0156 A78-34962

Biological model of a self-adjusting filter

p0262 A78-47965

## CHARGED PARTICLES

## NT HEAVY NUCLEI

## NT POSITRONS

## NT PROTONS

## CHECKOUT EQUIPMENT

## U TEST EQUIPMENT

## CHEMICAL ANALYSIS

## NT GAS ANALYSIS

## NT SPECTROSCOPIC ANALYSIS

## NT URINALYSIS

## NT VOLUMETRIC ANALYSIS

A critical evaluation of the application of amino acid racemization to geochronology and geothermometry

p0026 A78-14682

Water quality monitoring system

[NASA-CASE-MSC-16778-1]

p0165 N78-22589

Formation and management of an expert toxicological review team for literature search, evaluation and organization of currently available rapid toxicological tests, volume 2

[AD-A056312]

p0315 N78-33719

## CHEMICAL COMPOSITION

## NT CARBON DIOXIDE CONCENTRATION

Phosphorus, a key to life on the primitive earth

p0026 A78-14680

Method for the determination of protein evolution rates by amino acid composition - Evolution rate of actins

p0026 A78-14683

On the cysteine and cystine content of proteins - Differences between intracellular and extracellular proteins

p0049 A78-17854

Toxicological investigation of zinc and titanium smoke compositions. A literature study

[FOA-C-40072-H2]

p0254 N78-29744

## CHEMICAL ELEMENTS

## NT CADMIUM

## NT CALCIUM

## NT CARBON

## NT CARBON ISOTOPES

## NT COPPER

## NT HYDROGEN

## NT HYDROGEN IONS

## NT IODINE

## NT IRON

## NT KRYPTON ISOTOPES

## NT LEAD (METAL)

## NT MANGANESE

## NT MERCURY (METAL)

## NT MOLYBDENUM

## NT NITROGEN

## NT OXYGEN

## NT PHOSPHORUS

## NT POTASSIUM

## NT RADIOACTIVE ISOTOPES

## NT RARE GASES

## NT SILICON

## NT SODIUM

## NT SULFUR

## NT THALLIUM ISOTOPES

## NT TITANIUM

## NT TRACE ELEMENTS

## NT TUNGSTEN

## NT TUNGSTEN ISOTOPES

## NT VANADIUM

## NT ZINC

Study of reactive materials for development of new protective clothing concepts

[AD-A054877]

p0279 N78-30826

## CHEMICAL EQUILIBRIUM

## NT ACID BASE EQUILIBRIUM

## CHEMICAL EVOLUTION

The formation of protobiological compounds during the eruption of the Tolbachik volcano

p0002 A78-11786

Deuterolysis of amino acid precursors - Evidence for hydrogen cyanide polymers as protein ancestors

p0024 A78-14127

Method for the determination of protein evolution rates by amino acid composition - Evolution rate of actins

p0026 A78-14683

Formation of nucleoside 5-prime-phosphoramidates under potentially prebiological conditions

p0049 A78-17853

Far UV irradiation of model prebiotic atmospheres

p0056 A78-19367

Ultraviolet-photoproduced organic solids synthesized under simulated Jovian conditions - Molecular analysis

p0105 A78-28049

Interstellar dust grains as possible cold germs of life

p0137 A78-30840

Chance and the origin of life --- chemical evolution on early earth

p0138 A78-31376

Porphyryns and phycobilins in Precambrian rocks --- for chemical evolution

p0138 A78-31382

The permuted generator hypothesis for the origin of a genetic code

p0138 A78-31383

Abiogenic synthesis of molecular complexes from amino acids and porphyrins discussed in reference to the problem of prebiological evolution

p0154 A78-33895

Peptide formation in the prebiotic era - Thermal condensation of glycine in fluctuating clay environments

p0215 A78-41220

Amino acid-directed nucleic acid synthesis - A possible mechanism in the origin of life

p0219 A78-42845

Chemical evolution and the origin of life

p0260 A78-47845

The genetic code as a periodic table

p0260 A78-47889

A measure of the denseness of a phylogenetic network --- by sequenced proteins from extant species

p0260 A78-47890

Chemical evolution and the origin of life - Bibliography supplement 1976

- CHEMICAL FRACTIONATION** p0303 A78-53875  
Methane-producing bacteria - Natural  
fractionations of the stable carbon isotopes  
p0260 A78-47667
- CHEMICAL FUELS**  
NT AIRCRAFT FUELS
- CHEMICAL KINETICS**  
U REACTION KINETICS
- CHEMICAL PROPERTIES**  
NT SALINITY  
A literature review: Problem definition studies  
on selected toxic chemicals. Volume 6:  
Occupational health and safety and environmental  
aspects of urea-formaldehyde resins  
[AD-A054991] p0282 N78-31716
- CHEMICAL REACTIONS**  
NT DENITROGENATION  
NT FERMENTATION  
NT GLYCOLYSIS  
NT HYDROGENOLYSIS  
NT OXIDATION  
NT OXYGENATION  
NT PHOTOCHEMICAL REACTIONS  
NT PHOTOSYNTHESIS  
NT PYROLYSIS  
NT REDUCTION (CHEMISTRY)  
Chemical production of excited states in biology:  
Mechanism, regulation and function, renewal  
proposal  
[COO-3277-47] p0207 N78-25753  
Assessment of free-living nitrogen fixing  
microorganisms for commercial nitrogen fixation  
--- economic analysis of ammonia production  
[NASA-CR-157565] p0275 N78-30798
- CHEMICAL TESTS**  
NT CHEMICAL ANALYSIS  
NT GAS ANALYSIS  
NT SPECTROSCOPIC ANALYSIS  
NT URINALYSIS  
NT VOLUMETRIC ANALYSIS  
Formation and management of an expert  
toxicological review team for literature search,  
evaluation and organization of currently  
available rapid toxicological tests, volume 1  
[AD-A056311] p0315 N78-33718
- CHEMILUMINESCENCE**  
Method and apparatus for eliminating luminol  
interference material  
[NASA-CASE-MSC-16263-1] p0109 N78-18674  
Chemical production of excited states in biology:  
Mechanism, regulation and function, renewal  
proposal  
[COO-3277-47] p0207 N78-25753  
Sample retreatment dual-cell detector approach for  
differentiating groups of microbiological  
materials by luminol chemiluminescence  
[AD-A053383] p0245 N78-28776  
Biological water quality monitoring using  
chemiluminescent and bioluminescent techniques  
[NASA-CR-156830] p0313 N78-33702
- CHEMISTRY**  
NT INTERSTELLAR CHEMISTRY
- CHEMORECEPTORS**  
Blood flow and relative tissue PO2 of brain and  
muscle - Role of carotid chemoreceptors  
p0297 A78-52542
- CHEMOTHERAPY**  
Current status of immunotherapy. I -  
Immunosuppressive therapy  
p0020 A78-13513  
Psychotherapy and chemotherapy in aeronautical  
psychopathology  
p0058 A78-20547  
Conditions for the testing of drugs in man  
[BLL-RFS-10883] p0063 N78-15668  
Effect of seduxen on the course of experimental  
hypokinesia  
p0176 N78-22681
- CHEST**  
Finite element dynamic structural model of the  
human thorax for chest impact response and  
injury studies  
p0074 A78-21706  
Mechanics of the human diaphragm during voluntary  
contraction. I - Statics. II - Dynamics  
p0217 A78-42004  
Configuration of the chest wall during increased  
gravitational stress in erect humans
- CHILDREN** p0302 A78-53709  
Child restraint systems for civil aircraft  
[AD-A053565] p0233 N78-27774
- CHILLING**  
U COOLING
- CHINES**  
U AUDITORY SIGNALS
- CHLORELLA**  
Study of mutagenic stimulation in chlorella  
p0197 A78-37760
- CHLORIDES**  
NT POTASSIUM CHLORIDES  
Toxicity of vinyl chloride. A bibliography with  
abstracts  
[NTIS/PS-78/0442/0] p0225 N78-26730
- CHLORINE COMPOUNDS**  
NT CHLORIDES  
NT POTASSIUM CHLORIDES  
Occupational exposure to polychlorinated biphenyls  
(PCBS). Criteria for a recommended standard  
[DHEW/POB/NIOSH-77/225] p0204 N78-24789
- CHLOROAROMATICS**  
The role of monamine oxidase inhibition in the  
acute toxicity of chlordimeform  
[AD-A045507] p0093 N78-17656
- CHLOROPLASTS**  
Origins of prokaryotes, eukaryotes, mitochondria,  
and chloroplasts  
p0080 A78-21874
- CHOICE**  
U SELECTION
- CHOLESTEROL**  
Fatty acid profile and cholesterol in skeletal  
muscle of trained and untrained men  
p0050 A78-18083  
Total cholesterol and high density lipoprotein  
cholesterol /H.D.L.-ch./ in serum of aged pilots  
for predicting atherosclerotic diseases  
p0238 A78-44348
- CHOLINE**  
Choline acetyltransferase activity in heart -  
Evidence for neuronal and not myocardial origin  
p0055 A78-19144
- CHOLINERGICS**  
Influence of vestibular stimuli on adrenergic and  
cholinergic activity of blood  
p0071 A78-21177  
Dynamics of the relation between cell mediators of  
adrenergic and cholinergic systems /cAMP-cGMP/  
in the mechanisms of adaptation to hypoxia  
p0104 A78-27440  
The functional and chemical characteristics of  
choline-sensitive neurons in the cortex of the  
brain  
p0136 A78-30399
- CHOLINESTERASE**  
Effect of electrical stimulation of posterior  
hypothalamus structures on the  
acetylcholinesterase activity of the cortical  
motor zone in health and under the action of  
pharmacological agents  
p0080 A78-22073
- CHROMATOGRAPHY**  
NT GAS CHROMATOGRAPHY
- CHROMOSOMES**  
Results of biological experiments performed during  
flights --- onboard Soyuz spacecraft  
p0194 A78-36641
- CHRONIC CONDITIONS**  
Recruitment in chronic acoustic trauma --- of pilots  
p0020 A78-13511  
Chronic acceleration in plants  
p0031 A78-15208  
Acute and long-duration hypoxia --- Russian book  
p0155 A78-34156  
Time course of change in soleus muscle fibers of  
rats subjected to chronic centrifugation  
p0161 A78-36156  
Mechanism of the attenuated cardiac response to  
beta-adrenergic stimulation in chronic hypoxia  
p0191 A78-36601  
Health effects of noise exposure  
p0239 A78-45504  
Rat growth during chronic centrifugation  
p0268 A78-48640
- CHRONOLOGY**  
NT GEOCHRONOLOGY

## CHRONOTRONS

U PULSE RATE  
U TIME LAG

## CINEFLUOROGRAPHY

U MOTION PICTURES

## U RADIOGRAPHY

## CINEMATOGRAPHY

A microcinematographic method of studying the rate of circulation in the brain capillaries  
p0296 A78-52400

## CINERADIOGRAPHY

U MOTION PICTURES

## U RADIOGRAPHY

## CIRCADIAN RHYTHMS

Inversion of the sleep wakefulness pattern -  
Effects on circadian variations in  
psychophysiological activation

p0019 A78-13476

Human circadian rhythms in resting and exercise  
pulse rates

p0019 A78-13477

Dynamics of the human mental work capacity during  
some activity regimes

p0021 A78-13584

Effect of the physical load on human biorhythms  
--- relating to space flight

p0022 A78-13586

Investigation of the bioelectrical activity of the  
brain under conditions of varied 24 hour lifecycle

p0022 A78-13590

Environmental synchronizers of squirrel monkey  
circadian rhythms

p0033 A78-15520

Cortisol-mediated synchronization of circadian  
rhythm in urinary potassium excretion

p0049 A78-17646

Thermoregulation is impaired in an environment  
without circadian time cues

p0084 A78-24818

Diurnal rhythm of secretion of 17-oxy corticoids  
during local and uniform production work

p0129 A78-28488

Comparison of synchronization of primate circadian  
rhythms by light and food

p0134 A78-29640

Air ions and human performance

p0195 A78-36677

Visual cells, daily rhythms, and vision research

p0212 A78-40582

Loss of circadian rhythmicity in body temperature  
and locomotor activity following suprachiasmatic  
lesions in the rat

p0267 A78-48576

Effect of suprachiasmatic lesions on diurnal heart  
rate rhythms in the rat

p0267 A78-48580

Circadian rhythm dissociation in an environment  
with conflicting temporal information

p0299 A78-52699

Role of the paradoxical phase in the organization  
of the sleep-wakefulness cycle in the rat

p0302 A78-53786

Biorhythms and space experiments with nonhuman  
primates

p0009 A78-11669

Circadian rhythms in aerospace medicine

[NASA-TM-75165]

p0011 A78-11689

Suprachiasmatic nuclei and Circadian rhythms. The  
role of suprachiasmatic nuclei on rhythmic  
activity of neurons in the lateral hypothalamic  
area, ventromedian nuclei and pineal gland

[NASA-TM-75155]

p0011 A78-11690

Circadian dyschronism and chronotypic ecophilia as  
factors in aging and longevity

[CONF-770412-1]

p0044 A78-13731

The influence of the journey's time of day on the  
de- and resynchronization of the 24-hour rhythm  
of body and temperature after transatlantic  
flights

[ESA-TT-420]

p0113 A78-18708

Circadian changes in activity of the  
hypothalamus-hypophysis-adrenal system in  
animals differing in individual radio-sensitivity  
--- using epinephrine test

p0175 A78-22676

## CIRCUITS

NT INTEGRATED CIRCUITS

NT SWITCHING CIRCUITS

NT TRANSMISSION CIRCUITS

## CIRCULATION

NT BLOOD CIRCULATION

NT BRAIN CIRCULATION

NT CARBOXYHEMOGLOBIN

NT CORONARY CIRCULATION

NT ISCHEMIA

NT OCULAR CIRCULATION

NT PERIPHERAL CIRCULATION

NT PULMONARY CIRCULATION

## CIRCULATORY SYSTEM

NT AORTA

NT ARTERIES

NT BLOOD VESSELS

NT CAPILLARIES (ANATOMY)

NT VASCULAR SYSTEM

NT VEINS

Examination of transient processes in the  
circulatory system in the framework of the  
theory of dynamic systems

p0213 A78-41007

The experimental simulation of elastic model of  
artery system - Some behaviour of vascular  
substitute under repeated internal stress

p0217 A78-42576

Microvascular alterations in hypertension

p0065 A78-15679

Tetrapolar rheography used to evaluate the  
circulatory system

p0120 A78-18754

The role of skeletal muscle tone in regulation of  
orthostatic circulation

p0125 A78-19765

Circulatory, renal and endocrine reactions on  
simulated weightlessness dependent on physical  
fitness state

p0170 A78-22629

## CIVIL AVIATION

The organization of work schedules for air traffic  
controllers

p0020 A78-13515

Latent sickle cell anemia and commercial airline  
personnel

p0057 A78-20536

The place of psychology and psychiatry in the  
medical evaluation of navigation personnel in  
civil aviation - Methodological and practical  
aspects

p0058 A78-20546

Current vaccination regulations for civil aviation  
navigation personnel

p0059 A78-20554

Alpha-2-macroglobulin dosage, protamine test, and  
vascular-risk factors detected in civilian and  
military flight personnel

p0059 A78-20555

Hypertension in the civilian flying population -  
Significant or not

p0080 A78-21748

Results of using an 'emergency medical aid box' on  
Air France Boeing 747 aircraft during 1975

p0139 A78-31806

Provisional standards of radiation safety of  
flight personnel and passengers in air transport  
of the civil aviation

[NASA-TM-75052]

p0013 A78-11702

Spatial disorientation in general aviation accidents

[AD-A053230]

p0230 A78-27755

Human respiratory considerations for civil  
transport aircraft oxygen system

[AD-A053223]

p0233 A78-27773

## CLASSIFICATIONS

NT HIERARCHIES

## CLEAN FUELS

NT FUEL OILS

## CLEANERS

NT AIR FILTERS

## CLEANING

NT HOUSEKEEPING (SPACECRAFT)

## CLEANLINESS

NT HOUSEKEEPING (SPACECRAFT)

## CLIMATOLOGY

NT MICROCLIMATOLOGY

Effects of Solar Activity on the Earth's  
Atmosphere and Biosphere  
[TT-75-50015]

p0163 A78-22561

## CLINICAL MEDICINE

Two-dimensional echocardiography with a wide angle  
/60 deg/ sector scanner

p0001 A78-10498

- Aortic root and left atrial wall motion - An echocardiographic study p0002 A78-10499
- Current status of immunotherapy. I - Immunosuppressive therapy p0020 A78-13513
- An application of pattern recognition to echocardiography p0083 A78-23997
- Laboratory comparison of techniques for rewarming hypothermic casualties p0157 A78-35105
- The role of exercise in internal medicine --- Book p0158 A78-35649
- Bleeding duodenal ulcer and the flier p0299 A78-52646
- Analysis of responses of cold pressor tests on pilots and executives [NASA-CR-143847] p0006 N78-10693
- Separation of lymphocytes by electrophoresis under terrestrial conditions and at zero gravity, phase 3 [NASA-CR-151702] p0141 N78-21753
- Coupling apparatus for ultrasonic medical diagnostic system [NASA-CASE-NPO-13935-1] p0208 N78-25761
- Practical problems raised by Oto-rhino-laryngology standards p0249 N78-28805
- SMD 3 post test medical report [NASA-TM-79750] p0275 N78-30799
- CLOSED ECOLOGICAL SYSTEMS**
- Technology requirements for closed-ecology life support systems applicable to space habitats [AAS 77-273] p0195 A78-36724
- Microbiological study of bioecological system. I --- for Spacelab p0258 A78-47111
- Technology requirements for non-terrestrial ecosystems p0268 A78-48666
- Variants of control for an ecosystem that is closed with regard to exchange of gases, with periodically functioning autotrophic component p0176 N78-22680
- Space ecosynthesis: An approach to the design of closed ecosystems for use in space [NASA-TM-78491] p0226 N78-26740
- CLOSED LOOP SYSTEMS**
- U FEEDBACK CONTROL**
- CLOSURES**
- Spacesuit torso closure [NASA-CASE-ARC-11100-1] p0285 N78-31736
- CLOTHING**
- NT BOOTS (FOOTWEAR)
- NT FLIGHT CLOTHING
- NT GARMENTS
- NT GLOVES
- NT GOGGLES
- NT HELMETS
- NT PRESSURE SUITS
- NT PROTECTIVE CLOTHING
- NT SHOES
- NT SPACE SUITS
- Development and evaluation of heat transfer equations for a model of clothed man [AD-A050542] p0180 N78-22707
- Development and evaluation of heat transfer equations for a model of clothed man p0182 N78-22722
- Underclothing and its physiological effects in a hot-dry environment [AD-A050540] p0182 N78-22725
- The role of clothing in achieving acceptability of environmental temperatures between 65 F and 85 F (18 C and 30 C) [AD-A0525631] p0206 N78-24803
- CLOUD COVER**
- And what is the limit of the minimum --- pilot factor during instrument landing p0073 A78-21475
- COAGULATION**
- NT BLOOD COAGULATION
- Participation of erythrocytes in blood coagulation and fibrinolysis in healthy man p0237 A78-44093
- COATINGS**
- NT PROTECTIVE COATINGS
- Antifouling activity of phytotoxic compounds and experimental polymeric algicides [NRI-R-698] p0148 N78-21747
- COCHLEA**
- Frequency discrimination following the selective destruction of cochlear inner and outer hair cells p0129 A78-28828
- Cochlear dynamics - The evolution of a mathematical model p0141 A78-32196
- The influence of the acoustic reflex on the loudness of pulsed pure tones p0200 A78-39346
- Bleeding into inner ears of chinchillas caused by simulated sonic boom p0294 A78-51847
- Functional evidence of efferent nerve endings in the human inner ear p0300 A78-53393
- A rheological model for research on cochlear hypoxia p0300 A78-53394
- The importance of the perilymphatic oxygen supply in the cochlea function p0300 A78-53395
- A scanning study of acoustic lesions of the cochlea p0300 A78-53397
- An audiometric and histologic comparison of noise- and drug-induced cochlear pathology in the chinchilla p0301 A78-53398
- Transmission of impulse noise to the inner ear in the guinea pig by the recording of the intracochlear pressure. Evaluation of phenomena leading to injuries [ISL-R-103/77] p0148 N78-21749
- Vestibulo-cochlear single unit responses to microwave radiation p0168 N78-22613
- Pressure measurements in the cochlea of a guinea pig [ISL-CO-206/77] p0183 N78-23707
- COCKPIT SIMULATORS**
- The effects of cockpit environment on long-term pilot performance p0003 A78-12450
- Shadow method of simulating the visual conditions for flight simulators and pilot trainers p0056 A78-19734
- Physiological and psychological effects of heat stress simulating cockpit conditions p0160 A78-36153
- U.S. coast guard variable cockpit training system - Our first four years with a modern simulator p0199 A78-38797
- COCKPITS**
- Human engineering data for aircraft design. II - Aircrew station controls and displays: Assignment, location, and actuation for fixed wing aircraft p0001 A78-10196
- Human engineering data for aircraft design. III - Aircrew station vision requirement for military aircraft p0001 A78-10199
- Relationships between ambient, cockpit, and pilot temperatures during routine air operations p0078 A78-21734
- Influence of optical defects on the cockpit canopy glass on the spatial orientation of a pilot during flight p0103 A78-27099
- Perceived magnitudes of distortion, secondary imaging, and rainbowing in aircraft windshields p0272 A78-49272
- A survey of the status of and philosophies relating to cockpit warning systems [NASA-CR-152071] p0046 N78-13746
- Analysis of flight clothing effects on aircrew station geometry [AD-A046260] p0063 N78-14780
- Measurement of heat stress: Kiowa and Musketeer cockpits [AD-A046388] p0066 N78-15686
- Selected design parameters for reclining seats based on engineering anthropometry [AD-A048458] p0122 N78-18769
- Human engineering evaluation of a cockpit display/input device using a touch sensitive screen p0223 N78-26056



- Human engineering evaluation of a man-machine system for system optimization-illustrated by a cockpit evaluation  
[RAE-LIB-TRANS-1952] p0226 N78-26742
- A theoretical framework to study the effect of cockpit information  
[NLR-MP-76014-U] p0227 N78-26745
- Analysis of crew/cockpit models for advanced aircraft  
[AD-A054957] p0278 N78-30824
- CODING**
- NT REDUNDANCY ENCODING
- NT SIGNAL ENCODING
- The molecular code of memory p0052 A78-18532
- Coding processes in preselected and constrained movements - Effect of vision p0138 A78-31748
- Temporal encoding in the visual system p0144 N78-20752
- COEFFICIENTS**
- NT CORRELATION COEFFICIENTS
- NT DIFFUSION COEFFICIENT
- COENZYMES**
- NT GLUTATHIONE
- COGNITION**
- Involuntary automatic processing in color-naming tasks p0271 A78-48825
- Cognitive pretraining: An aid in the transition from instrument flying  
[AD-A048816] p0126 N78-19770
- Pupillometric signs of brain activation vary with level of cognitive processing  
[AD-A050029] p0149 N78-21757
- An annotated bibliography of the literature dealing with the physiological correlates of cognitive performance  
[AD-A057113] p0317 N78-33733
- COGNITIVE PSYCHOLOGY**
- Functional structure and evaluation criteria of instrumental space operations --- cognitive and performance aspects p0023 A78-13600
- Effects of altitude and heat on complex cognitive tasks p0133 A78-29544
- Effects of infrasound on cognitive performance p0139 A78-31842
- Dual task methods of assessing work-load p0160 A78-35855
- COLD ACCLIMATIZATION**
- Oxygen consumption and some indicators of external respiration during cold adaptation p0072 A78-21180
- Quantitative evaluation of thyroid secretion in the white rat during cold adaptation p0100 A78-26609
- Adaptive modifications of cold pain. II - Long-term experiments with 24-hour intervals p0102 A78-26744
- Aftereffects of short-term cooling and their significance in cold adaptation p0107 A78-28450
- A technique of rapid acclimatization of humans to cold p0132 A78-29297
- Temperature sensitivity of man to cold p0156 A78-34786
- Increased heat production of muscular contraction after cold adaptation p0237 A78-44009
- Heat production in isolated skeletal muscles from albino rats adapting to cold p0238 A78-44218
- Metabolic and thermal responses of men wearing cold-protective clothing to various degrees of cold stress p0272 A78-49298
- Clinical and biochemical aspects of human adaptation to central Antarctica as applied to problems of space biology and medicine p0118 N78-18746
- Cold weather stress on humans. A bibliography with abstracts  
[NTIS/PS-78/0540/1] p0284 N78-31732
- COLD TOLERANCE**
- Effects of 6 hours hypoxic and cold exposure on urinary electrolyte and catecholamine excretion
- Thermoregulation is impaired in an environment without circadian time cues p0079 A78-21743
- Prediction of hypothermia in humans as a function of morphological characteristics and of environmental conditions p0084 A78-24818
- Temperature sensitivity of man to cold p0132 A78-29298
- Cold-induced vasodilatation response at different water bath temperatures in monkeys p0156 A78-34786
- Physiological responses to cold  
[PB-273254/3] p0242 A78-46411
- COLD WATER**
- Effect of clothing insulation beneath an immersion coverall on the rate of body cooling in cold water p0088 N78-16612
- Cold-induced vasodilatation response at different water bath temperatures in monkeys p0133 A78-29560
- Effect of the combination of dry air heat and cold water treatment on human orthostatic stability p0242 A78-46411
- p0308 N78-32695
- COLD WEATHER**
- Cold weather stress on humans. A bibliography with abstracts  
[NTIS/PS-78/0540/1] p0284 N78-31732
- COLD WEATHER TESTS**
- A human factors evaluation of an experimental reversible extreme cold weather clothing ensemble  
[AD-A046620] p0067 N78-15696
- Clinical and biochemical aspects of human adaptation to central Antarctica as applied to problems of space biology and medicine p0118 N78-18746
- Helmet cold conditioning: Correlation of structural temperatures in actual and simulated cold environments  
[AD-A050033] p0151 N78-21769
- COLLAGENS**
- Bone cell collagenase p0086 N78-16597
- Mucopolysaccharides and collagen of tissues in hypokinetic rats p0115 N78-18723
- COLLECTION**
- Urine collection device  
[NASA-CASE-HSC-16433-1] p0229 N78-27750
- COLLISION AVOIDANCE**
- Perseveration effects in detection tasks with correlated decision intervals --- applied to pilot collision avoidance p0083 A78-23999
- Human factors considerations in establishing aircraft collision avoidance system alert thresholds p0130 A78-28832
- Collision detection and avoidance in computer controlled manipulators p0150 N78-21766
- COLLISION WARNING DEVICES**
- U COLLISION AVOIDANCE
- U WARNING SYSTEMS
- COLLISIONS**
- Study of impact tolerance through free-fall investigations  
[PB-277537/7] p0234 N78-27780
- COLLOIDS**
- NT AEROSOLS
- COLONIES**
- Survival and reversion of a stable L form in soil p0212 A78-40875
- COLOR**
- Involuntary automatic processing in color-naming tasks p0271 A78-48825
- Color research for visual displays  
[AD-A043609] p0013 N78-11697
- COLOR PERCEPTION**
- U COLOR VISION
- COLOR PHOTOGRAPHY**
- Multispectral photographic analysis - A new quantitative tool to assist in the early diagnosis of thermal burn depth p0105 A78-27728
- COLOR TELEVISION**
- Use of thermoluminescence dosimetry for measuring

- the radiation emitted by color TV sets  
p0145 N78-20763
- COLOR VISION**  
Responses of macaque ganglion cells to far violet lights  
p0025 A78-14412  
Brightness generation in the human visual system -  
Colour-brightness: A contribution of cortical  
colour channels to brightness sensation  
p0025 A78-14417  
Trichromatic vision in the cat  
p0032 A78-15280  
Absence of color-selectivity in Duncker-type  
induced visual movement  
p0032 A78-15403  
The retinex theory of color vision  
p0034 A78-15903  
Scotopic luminosity function and color-mixture data  
--- role of rods in color vision  
p0035 A78-16081  
Chromatic two-pulse resolution with and without  
luminance transients --- in temporal processing  
of visual stimuli  
p0055 A78-16082  
Research on visual acuity in color contrast ---  
for aircraft instrument displays  
p0058 A78-20540  
TNO test and dyschromatopsias --- normal  
intraocular tension test for flight personnel  
p0060 A78-20559  
Selective chromatic adaptation at different  
spatial frequencies  
p0211 A78-40576  
The influence of colour and contour rivalry on the  
magnitude of the tilt after-effect --- in human  
visual system  
p0221 A78-43185  
Visual response time to colored stimuli in  
peripheral retina - Evidence for binocular  
summation  
p0294 A78-51871  
Binocular interactions during establishment of  
McCollough effects --- color aftereffects  
p0295 A78-51955  
Neuronal network in the retina - Interactions  
between photoreceptors /cones/ and horizontal  
cells  
p0296 A78-52444  
Studies of orientation-contingent color after  
effects  
p0007 N78-10700  
Vision and spaceflights  
p0172 N78-22642  
Color vision in aviation  
p0248 N78-28794  
GOI anomaloscopes used to set standards for color  
vision of flight personnel  
p0307 N78-32688  
Aeromedical implications of the I-Chrom lens for  
improving color vision deficiencies  
[AD-A054794]  
p0310 N78-32708
- COLORATION**  
U COLOR
- COMBUSTIBILITY**  
U FLAMMABILITY
- COMBUSTION PRODUCTS**  
On the toxicity of fire-resistant materials -  
Methods of study  
p0019 A78-13506
- COMETS**  
Does epidemic disease come from space ---  
Comet-borne microorganisms  
p0036 A78-16700
- COMFORT**  
An investigation of ride quality rating scales  
[NASA-TP-1064]  
p0012 N78-11696  
Effect of vibration duration on human discomfort  
--- passenger comfort and random vibration  
[NASA-TP-1283]  
p0311 N78-32717
- COMMAND AND CONTROL**  
Effectiveness of the work of an operator with a  
command signal field as a function of the means  
of presentation of command information  
p0022 A78-13591  
Biocybernetics experiment: Command and control  
human factors experimental program  
[AD-A055666]  
p0310 N78-32710
- COMMAND-CONTROL**  
U COMMAND AND CONTROL
- COMMERCIAL AIRCRAFT**  
NT BOEING 720 AIRCRAFT  
NT BOEING 737 AIRCRAFT  
NT BOEING 747 AIRCRAFT
- COMMERCIAL AVIATION**  
U CIVIL AVIATION
- COMMUNICATING**  
NT INFORMATION DISSEMINATION  
NT VERBAL COMMUNICATION
- COMMUNICATION**  
NT INFORMATION DISSEMINATION  
NT VERBAL COMMUNICATION
- COMMUNICATION CABLES**  
N1 OPTICAL WAVEGUIDES
- COMMUNICATION EQUIPMENT**  
A variant of portable single-channel  
bioradiotelemetry system  
p0280 N78-31702
- COMMUNICATION NETWORKS**  
Design of a system of man-computer communication  
p0293 A78-51640  
ZOG: A man-machine communication philosophy  
[AD-A046857]  
p0068 N78-15699
- COMMUNICATION THEORY**  
NT WORDS (LANGUAGE)  
ZOG: A man-machine communication philosophy  
[AD-A046857]  
p0068 N78-15699
- COMMUNITIES**  
NT MOUNTAIN INHABITANTS  
Needs of the transportation community: Present  
and near future  
p0014 N78-11707
- COMPARTMENTS**  
NT AIRCRAFT COMPARTMENTS  
NT HYPERBARIC CHAMBERS  
NT PRESSURIZED CABINS  
NT TEST CHAMBERS
- COMPENSATORY TRACKING**  
A psychophysiological study of pilot behavior in  
conditions of combined activity  
p0022 A78-13589  
Transfer of training on manual control systems  
differing in short period frequency and damping  
characteristics  
p0133 A78-29541  
Human performance comparisons between digital  
pursuit and compensatory control  
p0240 A78-45948  
Unimanual and bimanual control in a compensatory  
tracking task  
p0292 A78-51347  
The effect of a visual/motion display mismatch in  
a single axis compensatory tracking task  
[NASA-CR-2921]  
p0007 N78-10701  
The development, maintenance, and mathematical  
description of tracking behavior in man and the  
Rhesus Monkey  
[AD-A043225]  
p0015 N78-11717  
Manual control in target tracking tasks as a  
function of control type task loading and  
vibration --- aircraft throttle grip under  
compensatory tracking loads  
[AD-A043903]  
p0042 N78-12671  
Adaptive training of perceptual motor skills:  
Issues, results and future directions  
[AD-A050461]  
p0150 N78-21765
- COMPLEX SYSTEMS**  
The optimization of cosmonaut activity in  
processes involving the operation of complex  
systems  
p0021 A78-13579
- COMPLEXITY**  
NT TASK COMPLEXITY
- COMPLIANCE (ELASTICITY)**  
U MODULUS OF ELASTICITY
- COMPOSITE MATERIALS**  
NT THREE DIMENSIONAL COMPOSITES
- COMPOSITION (PROPERTY)**  
NT ATMOSPHERIC COMPOSITION  
NT BODY COMPOSITION (BIOLOGY)  
NT CARBON DIOXIDE CONCENTRATION  
NT CHEMICAL COMPOSITION  
NT CONCENTRATION (COMPOSITION)  
NT MOISTURE CONTENT  
NT PLANETARY COMPOSITION
- COMPRESSED GAS**  
NT HIGH PRESSURE OXYGEN
- COMPRESSING**  
Compression of rehydratable vegetables and cereals

## COMPUTER ASSISTED INSTRUCTION

## SUBJECT INDEX

- [NASA-CR-151727] p0209 N78-25766
- COMPUTER ASSISTED INSTRUCTION**
- Automated instructional system for advanced simulation in undergraduate pilot training /ASUPT/ p0199 A78-38796
- Knowledge-based adaptive curriculum sequencing for CAI: Application of a network representation [AD-A047090] p0089 N78-16619
- Evaluation of the transfer and cost effectiveness of a complex computer-assisted flight procedure trainer [AD-A050413] p0150 N78-21764
- COMPUTER GRAPHICS**
- Spatiotemporal mapping of scalp potentials p0035 A78-16080
- Computer display and manipulation of biological molecules p0301 A78-53400
- Experiments in texture perception [AD-A043402] p0012 N78-11695
- Program documentation for the terrain and flight dynamics program --- computer graphics for flight simulation [AD-A056116] p0318 N78-33742
- COMPUTER METHODS**
- U COMPUTER PROGRAMS**
- COMPUTER PROGRAMMING**
- A finite element head injury model. Volume 2: Computer program documentation [AD-A043582] p0012 N78-11693
- A finite element head injury model. Volume 1: Theory, development, and results [AD-A043605] p0012 N78-11694
- Collision detection and avoidance in computer controlled manipulators p0150 N78-21766
- COMPUTER PROGRAMS**
- NT COMPUTER SYSTEMS PROGRAMS**
- NT NASTRAN**
- Automated instructional system for advanced simulation in undergraduate pilot training /ASUPT/ p0199 A78-38796
- Interactive modeling and analysis of dynamic systems with applications to the musculoskeletal structure p0007 N78-10703
- Generalized environmental control and life support system computer program (G189A) configuration control, phase 2 [NASA-CR-151567] p0046 N78-13747
- A procedure for the evaluation of physiological measurements [DLR-IB-552-77/9] p0062 N78-14780
- Program documentation for the head switching software package [AD-A046175] p0063 N78-14788
- NEXT** program for evaluating the patient dosage: First results for some X ray diagnostics installations p0145 N78-20762
- PIVIB:** A computer program for analysis of pilot biodynamic and tracking response to vibration [AD-A052361] p0205 N78-24802
- BEIRMOD,** a computer program for calculating the effects of exposure to ionizing radiation [PB-279584/7] p0254 N78-29747
- Description and analysis of the Hewlett-Packard 78220 arrhythmia monitoring system [AD-A055451] p0283 N78-31720
- COMPUTER SIMULATION**
- U COMPUTERIZED SIMULATION**
- COMPUTER SYSTEMS PROGRAMS**
- Three-dimensional reconstruction and display of anatomical and pathological structures from their serial sections --- by means of computer systems p0086 N78-16598
- COMPUTER TECHNIQUES**
- Evaluation of automated ECG monitoring - Theoretical model based upon point process techniques p0001 A78-10063
- Computer analysis of the orthogonal electrocardiogram and vectorcardiogram in 257 patients with aortic valve disease p0026 A78-14647
- The mathematics of computer controlled manipulators p0083 A78-23854
- A prototype system for automated interpretation of vectorcardiograms p0083 A78-23881
- Efficient digitization methods for electrocardiograms p0083 A78-23904
- Cardiac rhythm diagnosis by digital computer --- Thesis p0239 A78-45224
- Computer implemented grading of flight simulator students [AIAA 78-1589] p0291 A78-50665
- Computerized classification of auditory trauma: Results of an investigation on screening employees exposed to noise [NASA-TM-75062] p0040 N78-12658
- Automated electroencephalography system and electroencephalographic correlates of space motion sickness, part 4 [NASA-CR-151560] p0040 N78-12660
- A computer based medical ultrasound B-scan system p0093 N78-17653
- An automated saccade analysis system p0123 N78-19747
- ORIS:** The Oak Ridge Imaging System program listings [ORNL/TM-5875-V3] p0283 N78-31722
- Quantitative organ visualization p0313 N78-33708
- COMPUTERIZED CONTROL**
- U NUMERICAL CONTROL**
- COMPUTERIZED SIMULATION**
- NT ANALOG SIMULATION**
- NT DIGITAL SIMULATION**
- Validation of a model of a human pilot p0036 A78-16623
- Biodynamic model of a parachutist p0075 A78-21712
- Origins of prokaryotes, eukaryotes, mitochondria, and chloroplasts p0080 A78-21874
- New control concept of anthropomorphic manipulators p0136 A78-30508
- Simulation of the docking manoeuvre --- hybrid computer modeling for human operator performance in space p0141 A78-32225
- Simulation of operational equipment with a computer-based instructional system - A low cost training technology p0153 A78-32678
- Predictions of thermal transients and thermal damage resulting from laser irradiation of tissue p0199 A78-38787
- The experimental simulation of elastic model of artery system - Some behaviour of vascular substitute under repeated internal stress p0217 A78-42576
- Analog simulation of the movements of an ideal manipulator p0266 A78-48511
- Computer simulation of human thoracic skeletal response: Abstract summary report [PB-276705/1] p0180 N78-22708
- Computer simulation of human thoracic skeletal response-theory, volume 1 [PB-276706/9] p0180 N78-22709
- Simulation of man's respiratory and metabolic functions by the automated breathing metabolic simulator [PB-278544/2] p0230 N78-27757
- Research in support of joint Army-Navy air crew impact injury prevention program [AD-A053437] p0233 N78-27775
- Validation of a model of a human pilot p0245 N78-28050
- Laser-induced thermal damage of skin [AD-A054612] p0276 N78-30810
- Analysis of crew/cockpit models for advanced aircraft [AD-A054957] p0278 N78-30824
- Mathematical analysis and computer simulation in military mission workload assessment p0288 N78-31758
- Adaptation of time line analysis program to single pilot instrument flight research [NASA-TM-78748] p0317 N78-33731
- CONCENTRATION (COMPOSITION)**
- NT CARBON DIOXIDE CONCENTRATION**
- NT MOISTURE CONTENT**

# SUBJECT INDEX

# CONIFERS

- A technique for the in situ spectroscopic analysis of sodium concentrations in sweat p0063 N78-15669
- Method and automated apparatus for detecting coliform organisms [NASA-CASE-MSC-16777-1] p0165 N78-22588
- Experimental substantiation of maximum permissible concentrations of acetone and acetaldehyde in reclaimed potable water p0185 N78-23722
- Determination of the concentration of cadmium aerosol and of some other contaminants present in the atmosphere of a submarine of the Royal Dutch Navy [CL-1976-23] p0227 N78-26744
- CONCORDE AIRCRAFT**
- Presentations on aerospace medicine at Bourget --- Conference summary on medical factors involved in flying Concorde p0132 A78-29300
- Concorde and cosmic rays p0257 A78-46952
- CONDENSING**
- Peptide formation in the prebiotic era - Thermal condensation of glycine in fluctuating clay environments p0215 A78-41220
- CONDITIONED REFLEXES**
- Investigation of elementary informational mnemonic fields in the human brain p0052 A78-18535
- Dynamics of conditioned-reflex realignments of human visual recognition and detection p0106 A78-28124
- Visual-vestibular interaction in the control of eye movement p0139 A78-31839
- Conditioned reflex activity of rats at later periods after the end of flight aboard the Kosmos-605 biosatellite [NASA-TN-75523] p0223 N78-26716
- CONDITIONED RESPONSES**
- CONDITIONING (LEARNING)**
- CONDITIONING (LEARNING)**
- Combined use of autogenic therapy and biofeedback in training effective control of heart rate by humans p0047 A78-17218
- Observed differences in learning ability of heart rate self-regulation as a function of hypnotic susceptibility p0047 A78-17219
- Learned control of multiple autonomic responses to compensate for the debilitating effects of motion sickness p0047 A78-17220
- Psychosomatic health: Simultaneous control of multiple autonomic responses by humans - A training method p0047 A78-17221
- Eye movements of monkeys during learning-set formation p0130 A78-28829
- ACTH fragments and verbal learning [IZP-1977-15] p0225 N78-26733
- Some effects of Org. 2766 on various performance tasks [IZP-1977-18] p0225 N78-26734
- ACTH 4-10 and adaptive learning [IZP-1977-13] p0226 N78-26736
- CONDITIONS**
- NT CHRONIC CONDITIONS
- NT FLIGHT CONDITIONS
- NT NONEQUILIBRIUM CONDITIONS
- Conditions for the testing of drugs in man [BLI-RTS-10883] p0063 N78-15668
- CONDUCTIVE HEAT TRANSFER**
- Penetration of external thermal perturbations into homeothermic organisms. I, II p0138 A78-31768
- CONDUCTORS**
- NT ELECTRIC CONDUCTORS
- NT ELECTROLYTES
- NT ION EXCHANGE MEMBRANE ELECTROLYTES
- CONFERENCES**
- Life sciences and space research IV; Proceedings of the Open Meeting of the Working Group on Space Biology, Philadelphia, Pa., June 8-19, 1976 p0027 A78-15177
- Symposium on Memory Control Mechanisms, Leningrad, USSR, November 16-19, 1976, Proceedings p0051 A78-18526
- Symposium on Biodynamic Models and their Applications, 2nd, Dayton, Ohio, February 15-17, 1977, Proceedings p0073 A78-21701
- International Union of Radio Science, Annual Meeting, University of Massachusetts, Amherst, Mass., October 11-15, 1976, Proceedings --- microwave effects on biological systems p0080 A78-21876
- Presentations on aerospace medicine at Bourget --- Conference summary on medical factors involved in flying Concorde p0132 A78-29300
- Robots and manipulator systems. Part 2 --- Conference papers p0136 A78-30501
- International Congress of Psychology, 21st, Symposium on Mental Work Load, Paris, France, July 25, 1976, Proceedings p0159 A78-35851
- Transient processes in biological systems; Conference on the Kinetics and Thermodynamics of Transient Processes in Biological Systems, Moscow, USSR, September 12-14, 1977, Proceedings p0213 A78-41001
- Flight Simulation Technologies Conference, Arlington, Tex., September 18-20, 1978, Technical Papers p0289 A78-50651
- Inner ear biology; Proceedings of the Fourteenth Workshop, Bordeaux, France, September 5-7, 1977 p0300 A78-53391
- The use of nonhuman primates in space [NASA-CP-005] p0008 N78-11663
- Ride control techniques p0014 N78-11710
- Thermal analysis; Human comfort; Indoor Environments; Proceedings of a Symposium [PB-272862/4] p0069 N78-15704
- Studies on Pilot Workload --- psychophysiological factors [AGARD-CP-217] p0090 N78-16621
- Some contributions from the Radiation Laboratory to the 20th National Congress of the Italian Association of Health Physics and Radiation Protection --- conference proceedings [ISS-P-77/10] p0145 N78-20759
- Symposium on Biological Effects and Measurement of Radio Frequency/Microwaves [HEW-PUBL-(FDA)-77-8026] p0166 N78-22591
- Life-sciences research in space --- conference proceedings [ESA-SP-130] p0169 N78-22619
- Proceedings of the international occupational hand-arm vibration conference [DHEW/PUB/NIOSH-77/170] p0205 N78-24799
- Transcripts of the 40th meeting proceedings of National Commission for the Protection of Human Subjects of Biomedical and Behavioral Research [PB-279916/1] p0277 N78-30815
- Methods to assess work load [AGARD-CP-216] p0286 N78-31745
- CONFIGURATION MANAGEMENT**
- Generalized environmental control and life support system computer program (G189A) configuration control, phase 2 [NASA-CR-151567] p0046 N78-13747
- CONGENERS**
- Isolated retinas synthesize visual pigments from retinol congeners delivered by liposomes p0200 A78-39500
- CONGENITAL ANOMALIES**
- Latent sickle cell anemia and commercial airline personnel p0057 A78-20536
- Evaluation of congenital heart defects from dynamic tracer measurements p0130 A78-28872
- CONGENITAL CONDITIONS**
- U CONGENITAL ANOMALIES
- CONGRESSIONAL REPORTS**
- Possibility of intelligent life elsewhere in the universe [GPO-98-185] p0063 N78-14791
- CONIFERS**
- Pine seed germination at zero gravity /A

# CONNECTIONS

Cosmos-782 experiment/  
 Pine seed germination under weightlessness (a study of the Kosmos 782 satellite)  
 [NASA-TM-75080] p0051 A78-18523  
 p0063 N78-15667

**CONNECTIONS**  
 U JOINTS (JUNCTIONS)  
**CONNECTIVE TISSUE**  
 NT CARTILAGE  
 NT COLLAGENS  
 NT CONGENERS  
 Comparison of carotid artery mechanics in the rat, rabbit, and dog  
 p0134 A78-29638

**CONSCIOUSNESS**  
 Sudden loss of consciousness in pilots with low intraocular pressure during exposure to G forces  
 p0117 N78-18737

**CONSONANTS (SPEECH)**  
 Vowel segments in consonantal contexts: A spectral study of coarticulation  
 [IZP-1977-14] p0225 N78-26735

**CONSTANTS**  
 NT PERCEPTUAL TIME CONSTANT

**CONSTRAINTS**  
 Inflatable body and head restraint  
 [AD-A046477] p0068 N78-15702  
 Restraining mechanism  
 [NASA-CASE-MSC-13054] p0097 N78-17677  
 Evaluation of seating and restraint systems and anthropomorphic dummies conducted during fiscal year 1976  
 [AD-A051691] p0205 N78-24798  
 Child restraint systems for civil aircraft  
 [AD-A053565] p0233 N78-27774

**CONSTRICCTIONS**  
 Reactivity of normal airways to short-term exercise  
 p0201 A78-39749

**CONSUMABLES (SPACECREW SUPPLIES)**  
 NT DEHYDRATED FOOD  
 NT POTABLE WATER  
 NT SPACE RATIONS

**CONSUMPTION**  
 NT OXYGEN CONSUMPTION  
 NT WATER CONSUMPTION

**CONTACT LENSES**  
 Low atmospheric pressure effects on wearing soft contact lenses  
 p0079 A78-21746  
 Concerning optical correction by contact lenses for private pilots of aircraft and gliders in VFR conditions  
 p0139 A78-31804  
 Aeromedical implications of the X-Chrom lens for improving color vision deficiencies  
 [AD-A054794] p0310 N78-32708

**CONTAMINANTS**  
 NT TRACE CONTAMINANTS  
 Evaluating the effects of low-level chronic exposures  
 [BNWL-SA-5992] p0089 N78-16614  
 Determination of the concentration of cadmium aerosol and of some other contaminants present in the atmosphere of a submarine of the Royal Dutch Navy  
 [CL-1976-23] p0227 N78-26744

**CONTAMINATION**  
 NT SPACECRAFT CONTAMINATION  
 Evidence for propagation of aerobic bacteria in particles suspended in gaseous atmospheres --- Terrestrial microorganism contamination of Jupiter atmosphere  
 p0027 A78-15181  
 Biocontamination and particulate detection system  
 [NASA-CASE-NPO-13953-1] p0165 N78-22587

**CONTENT**  
 NT BONE MINERAL CONTENT

**CONTOURS**  
 Implications of spatial summation models for processes of contour perception - A geometric perspective  
 p0221 A78-43183

**CONTRACTION**  
 Modern concepts on the contraction-relaxation mechanism of the myocardium  
 p0198 A78-38752  
 Analysis of the contractility of the myocardium of different heart chambers by means of comparing the isometric contraction of isolated stria and

# SUBJECT INDEX

the strain-gage recording of isometric stress of the myocardium of an intact functioning heart  
 p0270 A78-48753

**CONTRAST**  
 NT IMAGE CONTRAST  
 Binocular summation - A study of contrast sensitivity, visual acuity and recognition  
 p0212 A78-40583  
 Readability of alphanumeric characters having various contrast levels as a function of age and illumination mode  
 [AD-A044554/4] p0066 N78-15691  
 A comparison of inter-system contrast ratios for segmented digital readouts  
 [AD-A050630] p0182 N78-22724

**CONTROL**  
 A design procedure for control/display systems --- performance-workload relations for CH-47 helicopter longitudinal response  
 p0003 A78-12447  
 Variants of control for an ecosystem that is closed with regard to exchange of gases, with periodically functioning autotrophic component  
 p0176 N78-22680  
 Some modern control techniques for human operator modeling and identification  
 p0182 N78-23022

**CONTROL BOARDS**  
 Effectiveness of the work of an operator with a command signal field as a function of the means of presentation of command information  
 p0022 A78-13591  
 A survey of the status of and philosophies relating to cockpit warning systems  
 [NASA-CR-152071] p0046 N78-13746  
 Simulator pilot consoles for NAS enroute and ARTS 3 facilities  
 [AD-A047567/3] p0126 N78-19769

**CONTROL DEVICES**  
 U CONTROL EQUIPMENT

**CONTROL EQUIPMENT**  
 NT TELEOPERATORS  
 New control concept of anthropomorphic manipulators  
 p0136 A78-30508  
 End effector device --- for manipulators  
 [NASA-CASE-MPS-23692-1] p0127 N78-19773  
 Human factors requirements for fingertip reach controls  
 [PB-278811/5] p0250 N78-28808  
 Pneumatic inflatable end effector  
 [NASA-CASE-MPS-23696-1] p0312 N78-32724

**CONTROL PANELS**  
 U CONTROL BOARDS

**CONTROL SIMULATION**  
 Display analysis with the optimal control model of the human operator --- pilot-vehicle display interface and information processing  
 p0003 A78-12448  
 Use of half-scale modeling for optimizing systems of manual control --- for spacecraft  
 p0021 A78-13582  
 Hierarchic multilevel system for the control of some physiological functions  
 p0104 A78-27572  
 New control concept of anthropomorphic manipulators  
 p0136 A78-30508  
 Stochastic modelling of remotely manned systems  
 p0136 A78-30509  
 The predictive control of behaviour - Appropriate and inappropriate actions beyond the input in a tracking task  
 p0155 A78-34085  
 Dual-loop model of the human controller  
 p0199 A78-39184  
 Dynamic decoupling of a remote manipulator system  
 p0271 A78-49257  
 Two methods for the investigation of visual positional perception on the basis of synthetically produced representations for visual flight simulation --- German thesis  
 p0296 A78-52497

**CONTROL STABILITY**  
 The forming of sensory motor habits of control and the verification of their stability as a factor in the increased reliability of an operator in a technical system complex  
 p0022 A78-13587  
 Biped stability considerations with vestibular models

- CONTROL SURFACES** p0083 A78-23882  
**NT AERIAL RUDDERS**  
**CONTROL SYSTEMS**  
**U CONTROL**  
**CONTROL THEORY**  
 Some new control theoretic models for human operator display monitoring  
 On problems and principles of robots' motion p0019 A78-13446  
 Optimal control theory applied to the design of cue shaping filters for motion-base simulators [AIAA 78-1575] p0203 A78-14002  
 Knowledge-based adaptive curriculum sequencing for CAI: Application of a network representation [AD-A047090] p0290 A78-50656  
 Simulation responses of a control model of human skeletal muscle p0089 A78-16619  
 Identification of finite state models of a human operator [AD-A053017] p0179 A78-22701  
 A comparison of control modes for time delayed remote manipulation p0209 A78-25768  
 p0285 A78-31737
- CONTROLLABILITY**  
 Prediction of pilot opinion ratings using an optimal pilot model --- of aircraft handling qualities in multi-axis tasks p0003 A78-12449  
 Dynamic decoupling of a remote manipulator system p0271 A78-49257
- CONTROLLED ATMOSPHERES**  
**NT ARGON-OXYGEN ATMOSPHERES**  
**NT CABIN ATMOSPHERES**  
**NT HELIUM-OXYGEN ATMOSPHERES**  
**NT SPACECRAFT CABIN ATMOSPHERES**  
 Development of a non-cryogenic nitrogen/oxygen supply system --- for spacecraft environments [NASA-CR-151542] p0008 A78-10704  
 Flight prototype CO2 and humidity control system [NASA-CR-151591] p0067 A78-15694  
 Development of a preprototype trace contaminant control system --- for space stations [NASA-CR-151632] p0097 A78-17681  
 Human exposure system for controlled ozone atmospheres [PB-276618/6] p0180 A78-22710
- CONTROLLED STABILITY**  
**U CONTROL**  
**CONTROLLERS**  
 Controller design for a manipulator using theory of variable structure systems p0083 A78-24000  
 Simulator pilot consoles for NAS enroute and ARTS 3 facilities [AD-A047567/3] p0126 A78-19769
- CONVAIR MILITARY AIRCRAFT**  
**U MILITARY AIRCRAFT**  
**CONVERTAPLANES**  
**U V/STOL AIRCRAFT**
- COOLING**  
**NT LIQUID COOLING**  
 Aftereffects of short-term cooling and their significance in cold adaptation p0107 A78-28450  
 The effects of burn injury and post burn cooling in the microcirculation p0093 A78-17654  
 Development and evaluation of heat transfer equations for a model of clothed man [AD-A050542] p0180 A78-22707
- COOLING SYSTEMS**  
 Operational characteristics of liquid-conditioned suits p0242 A78-46415  
 Cooling system for removing metabolic heat from an hermetically sealed spacesuit [NASA-CASE-ARC-11059-1] p0312 A78-32721
- COORDINATION**  
 Visual-motor coordination in the simulation of 10-day reduced gravity p0263 A78-47976  
 Federal human nutrition research needs a coordinated approach to advance nutrition knowledge, volume 1 [PB-278850/3] p0233 A78-27776
- Federal human nutrition research needs a coordinated approach to advance nutrition knowledge, volume 2 [PB-278851/1] p0233 A78-27777
- COPILOTS**  
**U AIRCRAFT PILOTS**  
**COPPER**  
 A controlled bioassay system for measuring toxicity of heavy metals [PB-267973/6] p0005 A78-10685  
 Copper, molybdenum, iron and manganese metabolism in rat tissues in response to a 50 Hz electric field p0187 A78-23730
- CORIOLIS EFFECT**  
 Physiological responses under the action of Coriolis acceleration p0072 A78-21183  
 Coriolis cross-coupling effects - Disorienting and nauseogenic or not p0078 A78-21737  
 Effect of coriolis accelerations on man's ability to determine the direction of gravitational vertical p0308 A78-32694
- CORN**  
 Biological effects of high-LET particles on corn-seed embryos in the Apollo-Soyuz test project - Biostack III experiment p0029 A78-15193  
 Regions of differential cell elongation and mitosis, and root meristem morphology in different tissues of geotropically stimulated maize root apices p0298 A78-52631
- CORNEA**  
 Corneal damage thresholds for infrared laser exposure: Empirical data, model predictions, and safety standards [AD-A049946] p0253 A78-29739
- CORONARY ARTERY DISEASE**  
 Relationship between plasma lipid concentrations and coronary artery disease in 496 patients p0027 A78-15161  
 Analysis of pulsatile, viscous blood flow through diseased coronary arteries of man p0035 A78-16013  
 Relation between the site of origin of ventricular premature complexes and the presence and severity of coronary artery disease p0037 A78-17134  
 The kinetocardiogram during the isoproterenol test for the assessment of coronary heart disease p0055 A78-19130  
 Asymptomatic coronary double obstruction revealed in a 32-year-old pilot by exercise testing on a bicycle ergometer p0059 A78-20557  
 Thallium-201 myocardial perfusion scintigraphy for the clinical clarification of normal, abnormal and equivocal electrocardiographic stress tests p0073 A78-21450  
 Quantitative radionuclide angiography in the right anterior oblique view - Comparison with contrast ventriculography p0136 A78-30650  
 Exercise in cardiovascular health and disease --- Book p0197 A78-38053  
 Total cholesterol and high density lipoprotein cholesterol /H.D.L.-ch./ in serum of aged pilots for predicting atherosclerotic diseases p0238 A78-44348  
 Evaluation of thallium-201 scanning for detection of latent coronary artery disease [NASA-CR-151662] p0144 A78-20756
- CORONARY CIRCULATION**  
 Intracardial gas bubbles at altitude after negative pressure breathing p0017 A78-13264  
 Effects of acute prolonged hypoxia on cardiovascular dynamics in dogs p0033 A78-15518  
 Relation between the site of origin of ventricular premature complexes and the presence and severity of coronary artery disease p0037 A78-17134  
 Effect of isometric exercise on catecholamines in the coronary circulation

## CORRECTION

## SUBJECT INDEX

Myocardial PO<sub>2</sub> distribution - Relationship to coronary autoregulation p0057 A78-20341

Determination of the optical density of the walls of coronary arteries in man p0154 A78-33523

Resting values of left ventricular work to coronary blood flow ratio in rats exposed to intermittent high altitude hypoxia and swimming p0220 A78-42875

Second-order correlation functions and bi-spectra in biological-rhythm research p0292 A78-51299

**CORRECTION**

**NT OPTICAL CORRECTION PROCEDURE**

**CORRELATION**

**NT CORRELATION COEFFICIENTS**

**NT DATA CORRELATION**

**NT SIGNAL ANALYSIS**

Second-order correlation functions and bi-spectra in biological-rhythm research p0004 A78-12601

Moderator analysis based on subgrouping: Problems arising from the use of standardized variables [AD-A047892] p0096 A78-17674

Motion sickness susceptibility: A retrospective comparison of laboratory tests [AD-A053161] p0248 A78-28790

**CORRELATION COEFFICIENTS**

Algorithm for using the square of the correlation ratio in the analysis of the mutual influence of features --- for biomedical systems p0053 A78-18539

**CORRELATION FUNCTIONS**

**U CORRELATION**

**CORTI ORGAN**

Fine morphology of the tectorial membrane - Fresh and developmental p0300 A78-53392

A scanning study of acoustic lesions of the cochlea p0300 A78-53397

**CORTICOSTEROIDS**

**NT ALDOSTERONE**

**NT CORTISONE**

Variation of the corticosteroid composition of the urine under the action of simulated orthostatic stressing under high-g conditions p0073 A78-21373

Increased secretion of growth hormone, prolactin, antidiuretic hormone, and cortisol induced by the stress of motion sickness p0079 A78-21741

Fast, rate-sensitive corticosteroid negative feedback during stress p0082 A78-23649

Diurnal rhythm of secretion of 17-oxycorticoids during local and uniform production work p0129 A78-28488

Interrelationship of catecholamines and corticosteroids during muscle fatigue p0156 A78-34785

Blood plasma corticosterone in rats after flight in Kosmos-690 biosatellite p0177 A78-22684

**CORTISONE**

Hydrocortisone, catecholamines and arterial pressure under work load p0129 A78-28489

**COSMIC DUST**

Interstellar grains as possible cold seeds of life p0002 A78-11590

Interstellar dust grains as possible cold germs of life p0137 A78-30840

**COSMIC RADIATION**

**U COSMIC RAYS**

**COSMIC RAYS**

Biological effects of high-LET particles on corn-seed embryos in the Apollo-Soyuz test project - Biostack III experiment p0029 A78-15193

Calculation of the radiobiological effects of heavy ions on eggs of *Artemia salina* flown in the Biostack experiments p0029 A78-15194

Preliminary results of the Biobloc experiment on the Cosmos 782 flight - Effects of cosmic rays on brine shrimp eggs and tobacco seeds p0029 A78-15195

Cosmic ray effects on the eyes of rats flown on Cosmos no. 782, Experiment K-007

Cosmic radiation exposure in subsonic air transport p0078 A78-21736

Concorde and cosmic rays p0140 A78-31845

Genetic effects of cosmic radiation on bacteriophage T4Br/+/- On materials of biological experiment 'Soyuz-Apollo' p0257 A78-46952

Light flash observations: Experiment MA-106 --- identity of cosmic particles p0269 A78-48682

Effects of hard radiation on the visual pigment rhodopsin p0091 A78-17100

Optimization of the professional activity of a cosmonaut --- Russian book p0172 A78-22645

**COSMOLOGY**

**NT BIG BANG COSMOLOGY**

**COSMONAUTS**

Optimization of the professional activity of a cosmonaut --- Russian book p0021 A78-13576

The task of a cosmonaut in operating spacecraft p0021 A78-13578

The optimization of cosmonaut activity in processes involving the operation of complex systems p0021 A78-13579

Time base for the performance of functions by cosmonauts p0022 A78-13585

Investigation of the bioelectrical activity of the brain under conditions of varied 24 hour lifecycle p0022 A78-13590

Medically important micro-organisms recovered from Apollo-Soyuz Test Project /ASTP/ crew members p0030 A78-15200

Cardiovascular response during manned space flights [IAF PAPER 77-252] p0034 A78-15931

Characteristics of cosmonaut activities during flight --- Russian book p0261 A78-47951

Dynamics of orthostatic stability of cosmonauts following 2 to 63 day missions p0115 A78-18720

Some psychoneurological requirements in assessing inflight functional state of cosmonauts p0115 A78-18721

Otolith system function in cosmonauts following space missions p0117 A78-18736

Cosmonaut work capacity in flight p0150 A78-21762

Soviet-Czech space mission, cosmonaut training discussed p0183 A78-23041

Space biology and aerospace medicine, no. 4 [JPRS-71830] p0305 A78-32672

Investigation of possibility of using lower body negative pressure test for screening cosmonaut candidates p0305 A78-32674

Polish cosmonaut selection process described p0312 A78-33033

**COSMOS SATELLITES**

Main objectives and results of the radiobiological experiment conducted on the Kosmos-690 biosatellite p0111 A78-18688

Morphological manifestations of functional changes in the hypothalamo-hypophyseal neurosecretory system and rat kidneys under the influence of space flight factors p0111 A78-18690

Histochemical study of digestive organs of rats following flight on Kosmos-605 p0115 A78-18722

DNA status in rat liver and spleen following flight on Kosmos-605 satellite p0118 A78-18742

Vestibulotonic reflexes in muscles of the rat hind limb following a flight on Kosmos-605 p0118 A78-18745

Isozyme composition of lactate dehydrogenase of rat skeletal muscles after flight in Kosmos-690 biosatellite p0125 A78-19760

Support of ASTP/KOSMOS fundulus embryo development experiment [NASA-CR-151816] p0251 A78-29724

- COSMOS 782 SATELLITE**  
 Preliminary results of the Biobloc experiment on the Cosmos 782 flight - Effects of cosmic rays on brine shrimp eggs and tobacco seeds  
 p0029 A78-15195
- Pine seed germination under weightlessness (a study of the Kosmos 782 satellite)  
 [NASA-TM-75080] p0063 N78-15667
- COSMOS 936 SATELLITE**  
 Formation of ectopic osteogenesis in weightlessness  
 [NASA-TM-75079] p0085 N78-16586
- COST ANALYSIS**  
 Accomplishments in ride quality research: Present and near future  
 p0014 N78-11706
- Using task data in diagnostic radiology. Volume 1. Job ladders: Assigning tasks to jobs  
 [PB-270459/1] p0041 N78-12664
- COUNTERS**  
**NT RADIATION COUNTERS**
- COUPLING**  
**NT CROSS COUPLING**  
 A prosthesis coupling  
 [NASA-CASE-KSC-11069-1] p0181 N78-22721
- COUPLINGS**  
 Coupling apparatus for ultrasonic medical diagnostic system  
 [NASA-CASE-WPO-13935-1] p0208 N78-25761
- CRASH INJURIES**  
 Symposium on Biodynamic Models and their Applications, 2nd, Dayton, Ohio, February 15-17, 1977, Proceedings  
 p0073 A78-21701
- Nonlinear numerical prediction of human head/helmet crash impact response  
 p0073 A78-21702
- Application of a fluid-filled spherical sandwich shell as a biodynamic head injury model for primates  
 p0073 A78-21703
- Evaluation of biomechanical response and potential injury from thoracic impact  
 p0073 A78-21704
- Biodynamic finite element models used in brain injury research  
 p0074 A78-21705
- Finite element dynamic structural model of the human thorax for chest impact response and injury studies  
 p0074 A78-21706
- Validation of the CALSPAN gross-motion-simulation code with actually occurring injury patterns in aircraft accidents  
 p0075 A78-21714
- Application of the response probability density function technique to biodynamic models  
 p0076 A78-21719
- Research in support of joint Army-Navy air crew impact injury prevention program  
 [AD-A053437] p0233 N78-27775
- CRASHES**  
 Evaluation of seating and restraint systems and anthropomorphic dummies conducted during fiscal year 1976  
 [AD-A051691] p0205 N78-24798
- CREWS**  
**NT FLIGHT CREWS**  
**NT SPACECREWS**
- CRITICAL FLICKER FUSION**  
 Measurement of human vertical fusional response  
 p0155 A78-34337
- Visual stimulator --- for critical flicker fusion experiments  
 p0299 A78-52704
- CROSS COUPLING**  
 Coriolis cross-coupling effects - Disorienting and nauseogenic or not  
 p0078 A78-21737
- CRUDE OIL**  
 Occupational exposure to refined petroleum solvents. Criteria for a recommended standard  
 [DHEW/PUB/NIOSH-77/192] p0204 N78-24790
- CRYOGENIC EQUIPMENT**  
 Freezing of small animals during hyperbaric exposure - Theoretical and practical considerations  
 p0058 A78-20542
- Reliability test report. Modular cryogenic generator  
 [AD-A054855] p0278 N78-30825
- CRYOGENIC FLUIDS**  
**NT LIQUID OXYGEN**
- CRYOGENICS**  
 Cryobiology. A bibliography with abstracts  
 [NTIS/PS-78/0678/9] p0313 N78-33707
- CRYOSORPTION**  
**U SORPTION**
- CRYSTALLINITY**  
 Experimental and general theoretical research  
 p0115 N78-18717
- CUES**  
 Thermoregulation is impaired in an environment without circadian time cues  
 p0084 A78-24818
- A model for the pilot's use of motion cubes in roll-axis tracking tasks  
 [AD-A043690] p0008 N78-10706
- Emulation of an advanced G-seat on the advanced simulator for pilot training  
 [AD-A055532] p0318 N78-33741
- CULTIVATION**  
 Investigation of concomitant microflora in prolonged substrate-free cultivation of beet plants  
 p0116 N78-18729
- CULTURE TECHNIQUES**  
 Isolation and characterization of omnithermus and facultative anaerobes from Cape Canaveral<sup>3</sup> soil samples  
 p0028 A78-15183
- Anaerobic utilization of phosphite/phosphine as a sole source of phosphorus - Implication to growth in the Jovian environment  
 p0028 A78-15186
- The description of a system to irradiate cells in culture with microwaves  
 p0167 N78-22607
- CURTISS-WRIGHT MILITARY AIRCRAFT**  
**U MILITARY AIRCRAFT**
- CURVATURE**  
 Aspheric curvatures for the human lens  
 p0025 A78-14418
- Heat loss from the skin surface of the human body - Deductions from a symmetry of constant mean surface curvature  
 p0201 A78-39748
- Particle deposition in bends and repeatedly bifurcating tubes  
 p0086 N78-16592
- CURVED SURFACES**  
**U CONTOURS**
- CURVES (GEOMETRY)**  
 The psychophysical tuning curve: A parametric study  
 p0276 N78-30807
- CUSHIONS**  
 A seat cushion to provide realistic acceleration cues for aircraft simulator pilots  
 [NASA-CASE-LAR-12149-2] p0278 N78-30821
- CUTANEOUS PERCEPTION**  
**U TOUCH**
- CUTTERS**  
**NT BLADES (CUTTERS)**  
**NT SAWS**
- CYANOPHYTA**  
**U BLUE GREEN ALGAE**
- CYBERNETICS**  
 Biocybernetic factors in human perception and memory  
 [AD-A043773] p0007 N78-10702
- The matching of biological and technical elements and systems  
 [NASA-TM-75313] p0228 N78-27738
- Biocybernetics experiment: Command and control human factors experimental program  
 [AD-A055666] p0310 N78-32710
- CYCLES**  
**NT ACTIVITY CYCLES (BIOLOGY)**  
**NT SOLAR CYCLES**  
**NT WORK-REST CYCLE**
- CYCLIC COMPOUNDS**  
 Cyclic adenosine-3,5-monophosphate and photoreceptor potential of the retina in vertebrates  
 p0072 A78-21196
- Dynamics of the relation between cell mediators of adrenergic and cholinergic systems /cAMP-cGMP/ in the mechanisms of adaptation to hypoxia  
 p0104 A78-27440



## CYLINDRICAL BODIES

## NT ROTATING CYLINDERS

## CYSTEINE

On the cysteine and cystine content of proteins -  
Differences between intracellular and  
extracellular proteins

p0049 A78-17854

Methionine transport in Halobacterium halobium  
vesicles - Noncompetitive, asymmetric inhibition  
by L-Cysteine

p0267 A78-48579

## CYTOLOGY

Cytochemical studies of proteins and RNA in  
individual spinal cord motoneurons and spinal  
ganglia neurons of rats following a space flight

p0118 N78-18744

## CYTOPLASM

The concept of cellular evolution

p0002 A78-10547

Effects of altered gravity on viscosity of  
cytoplasm and protein content of plant cells

p0307 N78-32691

## CZECHOSLOVAKIA

Soviet-Czech space mission, cosmonaut training  
discussed

p0183 N78-23041

## D

## DAENO (DATA ANALYSIS)

U DATA PROCESSING

U DATA REDUCTION

## DAMAGE

NT FIRE DAMAGE

NT LASER DAMAGE

NT RADIATION DAMAGE

## DAMPING IN PITCH

U PITCH (INCLINATION)

## DAMPING IN ROLL

U ROLL

## DAMPNESS

U MOISTURE CONTENT

## DANGER

U HAZARDS

## DARK ADAPTATION

Dark noise in retinal bipolar cells and stability  
of rhodopsin in rods

p0024 A78-14309

The recognition of objects against a model of  
cosmic sky

p0264 A78-47983

Detection of terrestrial landmarks during dark  
adaptation

p0264 A78-47984

Visual evoked responses to the upper and lower  
half-field stimulation in a dark-adapted man

p0273 A78-50025

Studies on the light and dark adaptation system in  
the retina

p0294 A78-51873

Light flash observations: Experiment MA-106 ---  
identity of cosmic particles

p0091 N78-17100

The effect of caffeine on human dark adaptation  
[AD-A043298]

p0095 N78-17665

Dynamic behavior of the visual tract

p0143 N78-20748

A comparison of inter-system contrast ratios for  
segmented digital readouts

p0182 N78-22724

Night vision and dark adaptation. A bibliography  
with abstracts

p0189 N78-23745

## DATA ADAPTIVE EVALUATOR/MONITOR

U DATA PROCESSING

U DATA REDUCTION

## DATA ANALYSIS

U DATA PROCESSING

U DATA REDUCTION

## DATA BUSES

U CHANNELS (DATA TRANSMISSION)

## DATA COMPACTION

U DATA COMPRESSION

## DATA COMPRESSION

Real-time compression of ECG data - Technical  
realization

p0293 A78-51459

## DATA CORRELATION

NT SIGNAL ANALYSIS

Behavioral and physiological correlates of varying

noise environments

[PB-271713/0]

p0046 N78-13745

## DATA PROCESSING

NT DATA CORRELATION

NT DATA REDUCTION

NT SCENE ANALYSIS

NT SIGNAL ANALYSIS

NT SIGNAL PROCESSING

NT VOICE DATA PROCESSING

Algorithm for using the square of the correlation  
ratio in the analysis of the mutual influence of  
features --- for biomedical systems

p0053 A78-18539

Algorithm for separating bursts on physiological  
curves

p0105 A78-27696

The adjacency principle in visual perception

p0153 A78-32845

Superconducting magnetometry for the detection of  
heart disease

[PB-271950/8]

p0044 N78-13735

Sensory information processing

[AD-A047200]

p0089 N78-16618

Input, output, and response blocking in immediate  
recall

[AD-A050302]

p0147 N78-20771

## DATA PROCESSING EQUIPMENT

NT MICROPROCESSORS

## DATA READOUT SYSTEMS

U DISPLAY DEVICES

## DATA REDUCTION

Efficient digitization methods for  
electrocardiograms

p0083 A78-23904

Automated electroencephalography system and  
electroencephalographic correlates of space  
motion sickness, part 4

[NASA-CR-151560]

p0040 N78-12660

## DATA SAMPLING

Sampled data analysis of a computer-controlled  
manipulator

[NASA-CR-155272]

p0042 N78-12670

## DATING

U TIME MEASUREMENT

## DEACCLIMATIZATION

U ACCLIMATIZATION

## DEADWEIGHT

U STATIC LOADS

## DEAFNESS

U AUDITORY DEFECTS

## DECAY

NT BIOLUMINESCENCE

NT CHEMILUMINESCENCE

NT FLUORESCENCE

NT MICROWAVE EMISSION

NT NUCLEAR FISSION

NT PARTICLE EMISSION

NT PHOTOPRODUCTION

NT SECONDARY EMISSION

NT THERMOLUMINESCENCE

## DECISION MAKING

And what is the limit of the minimum --- pilot  
factor during instrument landing

p0073 A78-21475

Perseveration effects in detection tasks with  
correlated decision intervals --- applied to  
pilot collision avoidance

p0083 A78-23999

Forgotten alternatives in skill and work-load

p0159 A78-35853

A model of human decisionmaking in a fault  
diagnosis task

p0195 A78-37130

Manned system performance as a function of display  
characteristics

[AD-A045488]

p0046 N78-13748

## DECOMPOSITION

NT GLYCOLYSIS

NT HYDROGENOLYSIS

Occupational exposure to decomposition products of  
fluorocarbon polymers. Criteria for a  
recommended standard

[DREW/PUB/HIOSH-77/193]

p0204 N78-24788

## DECOMPRESSION

U PRESSURE REDUCTION

## DECOMPRESSION SICKNESS

Intracardial gas bubbles at altitude after  
negative pressure breathing

# SUBJECT INDEX

# DIAGNOSIS

- Attempt at the detection of muscular bubbles through measurement of bioelectric impedance - First experimental results with affected rats and dogs p0017 A78-13264
- Relationship between CO2 levels and decompression sickness - Implications for disease prevention p0058 A78-20541
- Preventive effect of a vasodilator on the occurrence of decompression sickness in rabbits p0100 A78-26726
- Gas elimination during a single-stage decompression p0160 A78-36152
- Movement by helicopter of patients with decompression sickness p0298 A78-52637
- Checking effectiveness of prevention of high-altitude decompression disorders by means of prebreathing in an oxygen environment --- extravehicular activity p0299 A78-52645
- Altitude decompression sickness: Review of concepts in primary care [AD-A050849] p0184 A78-23713
- DECONGESTANTS p0253 A78-29737
- The effects of altitude and two decongestant-antihistamine preparations on physiological functions and performance [AD-A054793] p0309 A78-32706
- Cardiorespiratory assessment of decongestant-antihistamine effects on altitude, Gz, and fatigue tolerances --- pilot performance [AD-A055089] p0310 A78-32707
- DECONTAMINATION
- NT SPACECRAFT STERILIZATION
- Advances in sterilization and decontamination: A survey [NASA-SP-5105] p0085 A78-16587
- Development of a preprototype trace contaminant control system --- for space stations [NASA-CR-151632] p0097 A78-17681
- DECOUPLING
- Dynamic decoupling of a remote manipulator system p0271 A78-49257
- DECOYS
- Can attention be diverted? [RAE-LIB-TRANS-1936] p0181 A78-22715
- DEFECTS
- NT AUDITORY DEFECTS
- NT SPEECH DEFECTS
- DEFLATING
- U INFLATABLE STRUCTURES
- U PRESSURE REDUCTION
- DEGENERATIVE FEEDBACK
- U NEGATIVE FEEDBACK
- DEGRADATION
- NT BIODEGRADATION
- DEGREES OF FREEDOM
- Muscular control of movements with one degree of freedom. I - Single movements p0034 A78-15996
- DEHYDRATED FOOD
- Consumption of freeze-dried food in weightlessness --- for space flight feeding p0184 A78-23712
- Compression of rehydratable vegetables and cereals [NASA-CR-151727] p0209 A78-25766
- DEHYDRATION
- Effect of dehydration on erythropoiesis in mice - Relevance to the 'anemia' of space flight p0242 A78-46414
- DEMINEERALIZING
- NT BONE DEMINEERALIZATION
- DENITROGENATION
- Checking effectiveness of prevention of high-altitude decompression disorders by means of prebreathing in an oxygen environment --- extravehicular activity p0184 A78-23713
- DEOXYRIBONUCLEIC ACID
- DNA content in the lymph organs of rats during adaptation to hypoxia p0051 A78-18524
- A special photoproduct in DNA, UV-irradiated in vacuo p0268 A78-48623
- DNA status in rat liver and spleen following flight on Kosmos-605 satellite p0118 A78-18742
- Basic aspects of radiation action on microorganisms [COO-2362-26] p0123 A78-19746
- DEPENDENCE
- NT SPATIAL DEPENDENCIES
- NT TIME DEPENDENCE
- DEPENDENT VARIABLES
- Human reliability analysis of dependent events [SAND-77-1396C] p0233 A78-27771
- DEPOLARIZATION
- Pacemaker related conductance changes in cardiac Purkinje fibers p0112 A78-18697
- DEPOLARIZERS
- U DEPOLARIZATION
- DEPOSITION
- Particle deposition in bends and repeatedly bifurcating tubes p0086 A78-16592
- DEPRESSANTS
- The importance of the Myocardial Depressant Factor (MDF) for the occurrence of irreversible shock. A literature study [MBL-1977-5] p0253 A78-29743
- DEPRESSURIZATION
- U PRESSURE REDUCTION
- DEPRIVATION
- NT SENSORY DEPRIVATION
- NT SLEEP DEPRIVATION
- DEPTH PERCEPTION
- U SPACE PERCEPTION
- DESCENT
- NT PARACHUTE DESCENT
- DESIGN ANALYSIS
- Several factors of designing multi-channel ECG pre-amplifier for human centrifuge experiment and performance of tentatively manufactured equipment p0238 A78-44350
- Study to design and develop remote manipulator systems [NASA-CR-152092] p0090 A78-16620
- Design, analysis, and interpretation of screening studies for human factors engineering research [AD-A050361] p0147 A78-20774
- Dedicated medical ion accelerator design study [LBL-7230] p0248 A78-28791
- DESIGN OF EXPERIMENTS
- U EXPERIMENTAL DESIGN
- DESYNCHRONIZED SLEEP
- U RAPID EYE MOVEMENT STATE
- DETECTION
- NT SIGNAL DETECTION
- NT TARGET RECOGNITION
- DEWAR SYSTEMS
- U CRYOGENIC EQUIPMENT
- DIAGNOSIS
- Two-dimensional echocardiography with a wide angle /60 deg/ sector scanner p0001 A78-10498
- Aortic root and left atrial wall motion - An echocardiographic study p0002 A78-10499
- Precordial T wave vectors in the detection of coronary heart disease - The Framingham study p0017 A78-13147
- The effect of respiration on normal and abnormal Q waves - An electrocardiographic and vectorcardiographic analysis p0017 A78-13148
- Diagnostic value of history and maximal exercise electrocardiography in men and women suspected of coronary heart disease p0027 A78-15160
- Multispectral photographic analysis - A new quantitative tool to assist in the early diagnosis of thermal burn depth p0105 A78-27728
- Cardiac rhythm diagnosis by digital computer --- Thesis p0239 A78-45224
- Using task data in diagnostic radiology. Volume 2: Curriculum objectives for radiologic technology [PB-270460/9] p0041 A78-12663
- Superconducting magnetometry for the detection of heart disease

# DIAGRAMS

# SUBJECT INDEX

[PB-271950/8] p0044 N78-13735  
 Diagnosis of Alcoholism: The Munich Alcoholism  
 Test (MAT)  
 p0094 N78-17662  
 Significance of the percussive symptom in  
 detection of peptic ulcers in flight personnel  
 p0111 N78-18693  
 Evaluation of thallium-201 scanning for detection  
 of latent coronary artery disease  
 [NASA-CR-151662] p0144 N78-20756  
 Radio protection and diagnosis with X-rays  
 p0145 N78-20760  
 A cardiac arrhythmia monitoring system  
 p0178 N78-22694  
 Coupling apparatus for ultrasonic medical  
 diagnostic system  
 [NASA-CASZ-NPO-13935-1] p0208 N78-25761  
 Diagnostic improvements in medical ultrasonic  
 imaging systems p0281 N78-31710

**DIAGRAMS**  
 NT STRESS-STRAIN DIAGRAMS  
 Automatic detection of alternations in pulmonary  
 venous pressure  
 [LA-UR-77-5311] p0044 N78-13732

**DIAPHRAGM**  
 NT ETHYLENEDIAMINE  
 DIAPHRAGM (ANATOMY)  
 Mechanics of the human diaphragm during voluntary  
 contraction. I - Statics. II - Dynamics  
 p0217 A78-42004

**DIASTOLE**  
 On the origin of Korotkov sounds at diastole ---  
 brachial artery mechanical model  
 p0129 A78-28725  
 Phase structure of the diastole of trained heart  
 p0218 A78-42656  
 Analysis of responses of cold pressor tests on  
 pilots and executives  
 [NASA-CR-143847] p0006 W78-10693

**DIASTOLIC PRESSURE**  
 Alterations of postural and Valsalva responses in  
 coronary heart disease  
 p0055 A78-19146

**DIELECTRIC PROPERTIES**  
 RF dielectric properties measurement system:  
 Human and animal data  
 [PB-274776/4] p0114 N78-18711  
 Broadband measurements of dielectric  
 properties p0167 N78-22598

**DIETS**  
 Normal sodium balance in dogs and in man  
 p0004 A78-12524  
 Vitamins limiting for growth of subjects fed a  
 normal diet under hyperbaric He-O2 conditions  
 p0079 A78-21740  
 Physiological work capacity and efficiency of  
 adults during short duration high intensity work  
 while engaged in a specific low carbohydrate,  
 low calorie diet  
 p0087 W78-16602  
 Dietary fats and arterial thrombosis: Effects and  
 mechanism of action  
 p0180 N78-22711

**DIFFERENTIATION (BIOLOGY)**  
 Effect of weightlessness conditions on the somatic  
 embryogenesis in the culture of carrot cells  
 [NASA-TM-75040] p0008 W78-11662

**DIFFRACTION GRATINGS**  
 U GRATINGS (SPECTRA)  
 DIFFRACTION PATTERNS  
 Optical transforms and the 'pincushion grid'  
 illusion  
 p0034 A78-15948  
 Automatic detection of alternations in pulmonary  
 venous pressure  
 [LA-UR-77-5311] p0044 N78-13732

**DIFFUSION**  
 NT GASEOUS DIFFUSION  
 NT SPECIES DIFFUSION  
 Glucose delivery - A modulator of glucose uptake  
 in contracting skeletal muscle  
 p0055 A78-19143  
 Maximum expiratory flow, diffusion and CO2  
 elimination during liquid ventilation  
 p0165 N78-22592

**DIFFUSION COEFFICIENT**  
 Self diffusion in cells and tissues  
 [AD-A053422] p0251 W78-29727

**DIFFUSION EFFECT**  
 U DIFFUSION  
**DIGESTIVE SYSTEM**  
 NT GASTROINTESTINAL SYSTEM  
 NT INTESTINES  
 NT PANCREAS  
 Reaction of the digestive system to the effect of  
 spaceflight factors  
 p0194 A78-36639  
 Histochemical study of digestive organs of rats  
 following flight on Kosmos-605  
 p0115 N78-18722  
 Histochemical study of digestive organs of rats  
 involved in space flight on the Kosmos-690  
 satellite  
 p0306 N78-32681

**DIGITAL DATA**  
 Digital enhancement of computerized axial tomograms  
 [NASA-TM-78974] p0279 N78-31690

**DIGITAL SIMULATION**  
 Validation of the CALSPAN gross-motion-simulation  
 code with actually occurring injury patterns in  
 aircraft accidents  
 p0075 A78-21714  
 Simulator evaluation of three situation and  
 guidance displays for V/STOL aircraft zero-zero  
 landing approaches  
 p0238 A78-44131  
 Human performance comparisons between digital  
 pursuit and compensatory control  
 p0240 A78-45948  
 Closed loop models for analyzing the effects of  
 simulator characteristics --- pilot  
 performance/workload prediction  
 [AIAA 78-1592] p0291 A78-50667

**DIGITAL SYSTEMS**  
 Efficient digitization methods for  
 electrocardiograms  
 p0083 A78-23904  
 A comparison of inter-system contrast ratios for  
 segmented digital readouts  
 [AD-A050630] p0182 N78-22724

**DIGITAL TECHNIQUES**  
 Effect of preview on digital pursuit control  
 performance  
 p0201 A78-39650

**DILUTION**  
 Lung volumes in man immersed to the neck -  
 Dilution and plethysmographic techniques  
 p0192 A78-36603

**DIMENSIONAL ANALYSIS**  
 Analysis of flight clothing effects on aircrew  
 station geometry  
 [AD-A046260] p0063 N78-14789

**DIMENSIONAL MEASUREMENT**  
 Static mechanical properties of bronchi in normal  
 excised human lungs  
 p0235 A78-43787

**DIOXIDES**  
 NT CARBON DIOXIDE  
 NT SILICON DIOXIDE  
 NT SULFUR DIOXIDES

**DIRECT POWER GENERATORS**  
 NT SOLAR CELLS

**DISCRIMINATION**  
 NT BRIGHTNESS DISCRIMINATION  
 NT SENSORY DISCRIMINATION  
 NT TACTILE DISCRIMINATION  
 NT VISUAL DISCRIMINATION

**DISEASES**  
 NT ANEMIAS  
 NT ARTERIOSCLEROSIS  
 NT ATAXIA  
 NT BONE DEMINERALIZATION  
 NT CARBON MONOXIDE POISONING  
 NT CATARACTS  
 NT CORONARY ARTERY DISEASE  
 NT EDEMA  
 NT EYE DISEASES  
 NT HEART DISEASES  
 NT INFECTIOUS DISEASES  
 NT LEUKEMIAS  
 NT METABOLIC DISEASES  
 NT MYOCARDIAL INFARCTION  
 NT NEOPLASMS  
 NT PULMONARY LESIONS  
 NT RADIATION SICKNESS  
 NT RESPIRATORY DISEASES  
 NT THROMBOSIS

# SUBJECT INDEX

# DISTRIBUTION (PROPERTY)

- NT TUBERCULOSIS p0216 A78-41368
- NT ULCERS
- A theory on the evolutionary significance of psychosomatic disease p0047 A78-17222
- DISKS (SHAPES)
- NT INTERVERTEBRAL DISKS
- NT ROTATING DISKS
- DISORDERS
- The hematic system in the set of symptoms of autonomic disorders in monkeys on the low gravitation stand p0120 N78-18757
- Relationship between onset of altitude-decompression disorders in man and barometric pressure level during intensive physical exercise p0120 N78-18758
- DISORIENTATION
- NT DISORDERS
- Coriolis cross-coupling effects - Disorienting and nauseogenic or not p0078 A78-21737
- Visual counteraction of nauseogenic and disorienting effects of some whole-body motions - A proposed mechanism p0078 A78-21738
- Disorientation training in FAA-certificated flight and ground schools - A survey p0241 A78-46406
- Spatial disorientation in general aviation accidents p0265 A78-4806
- Disorientation training in FAA-certificated flight and ground schools: A survey p0126 N78-19768
- Effect of coriolis accelerations on man's ability to determine the direction of gravitational vertical p0308 N78-32694
- DISPENSERS
- Possible designs of medication monitors [PB-278973/31] p0232 N78-27766
- DISPERSIONS
- NT AEROSOLS
- NT NUCLEAR EMULSIONS
- NT SMOKE
- DISPLAY DEVICES
- NT HEAD-UP DISPLAYS
- NT POSITION INDICATORS
- NT RADARSCOPES
- Human engineering data for aircraft design. II - Aircrew station controls and displays: Assignment, location, and actuation for fixed wing aircraft p0001 A78-10196
- A design procedure for control/display systems --- performance-workload relations for CH-47 helicopter longitudinal response p0003 A78-12447
- Display analysis with the optimal control model of the human operator --- pilot-vehicle display interface and information processing p0003 A78-12448
- A regression approach to generate aircraft predictor information p0054 A78-19822
- Applications of pilot scanning behavior to integrated display research p0056 A78-19430
- Shadow method of simulating the visual conditions for flight simulators and pilot trainers p0056 A78-19734
- A technique for the visual study of aircraft instrument panel utilization by the crew p0058 A78-20539
- Research on visual acuity in color contrast --- for aircraft instrument displays p0058 A78-20540
- Search through a sequentially presented visual display p0082 A78-23848
- Concerning the utilization of electronic displays in the field of aeronautics p0132 A78-29299
- Automated instructional system for advanced simulation in undergraduate pilot training /ASUPT/ p0199 A78-38796
- Engineering-psychological analysis of information display systems
- Simulator evaluation of three situation and guidance displays for V/STOL aircraft zero-zero landing approaches p0238 A78-44131
- Human performance comparisons between digital pursuit and compensatory control p0240 A78-45948
- Effectiveness of basic display augmentation in vehicular control by visual field cues p0271 A78-49262
- A reaction time analysis of instrument scanning --- by aircraft pilots p0272 A78-49275
- Human-factors optimization of displays and control units for pilot and copilot p0289 A78-50267
- Depth perception and motion cues via textured scenes --- in flight simulators [AIAA 78-1577] p0290 A78-50658
- Computer display and manipulation of biological molecules p0301 A78-53400
- The effect of a visual/motion display mismatch in a single axis compensatory tracking task [NASA-CN-2921] p0007 N78-10701
- Visually evoked brain potentials as aids in display design [AD-A043853] p0008 N78-10707
- Color research for visual displays [AD-A043609] p0013 N78-11697
- Research on manned system design using Operator Measures and Criteria (OMAC) data [AD-A046464] p0067 N78-15697
- Cerebral activation and placement of visual displays [AD-A046478] p0067 N78-15698
- Simulator pilot consoles for NAS enroute and ARTS 3 facilities [AD-A047567/3] p0126 N78-19769
- A comparison of inter-system contrast ratios for segmented digital readouts [AD-A050630] p0182 N78-22724
- Principles of engineering psychology involved in optimizing control systems of aircraft and spacecraft --- avionics, display devices and psychological factors p0183 N78-23709
- Influence of location of indicators on psychophysiological distinctions of combined activity --- positioning display devices and flight instruments p0184 N78-23716
- Instructor and student pilots' subjective evaluation of a general aviation simulator with a terrain visual system [NASA-TN-78698] p0189 N78-23746
- Dynamics of the eye and head during movement between displays: A qualitative and quantitative guide for designers [AD-A052753] p0208 N78-25763
- Human engineering evaluation of a cockpit display/input device using a touch sensitive screen p0223 N78-26056
- Display size and target acquisition performance [AD-A054624] p0285 N78-31741
- Program documentation for the terrain and flight dynamics program --- computer graphics for flight simulation [AD-A056116] p0318 N78-33742
- DISPLAY SYSTEMS
- U DISPLAY DEVICES
- DISPOSAL
- NT WASTE DISPOSAL
- DISSOCIATION
- NT GAS DISSOCIATION
- DISTANCE PERCEPTION
- U SPACE PERCEPTION
- DISTRIBUTED PARAMETER SYSTEMS
- Hand-arm vibration. III - A distributed parameter dynamic model of the human hand-arm system p0153 A78-32781
- DISTRIBUTION (PROPERTY)
- NT DIFFRACTION PATTERNS
- NT ENERGY DISTRIBUTION
- NT FORCE DISTRIBUTION
- NT PRESSURE DISTRIBUTION
- NT RADIATION DISTRIBUTION
- NT SPATIAL DISTRIBUTION

# DISTRIBUTION MOMENTS

# SUBJECT INDEX

NT STRESS CONCENTRATION  
 NT TEMPERATURE DISTRIBUTION  
 NT VERTICAL DISTRIBUTION  
 DISTRIBUTION MOMENTS  
 NT STANDARD DEVIATION  
 DISTURBANCE THEORY  
 U PERTURBATION THEORY  
 DIURESIS  
 Electrolyte content of the myocardium, skeletal muscles and blood of rats during prolonged hypokinesia and readaption p0308 N78-32692  
 DIURETICS  
 Treatment of hypertension in aviators - A clinical trial with Aldactazide p0134 A78-29564  
 Body fluid compartments in rabbits on exposure to acute hypobaric hypoxia --- with/without diuretic treatment p0215 A78-41163  
 DIURNAL RHYTHMS  
 U CIRCADIAN RHYTHMS  
 DIVING (UNDERWATER)  
 Lung volumes in man immersed to the neck - Dilution and plethysmographic techniques p0192 A78-36603  
 Cardiovascular responses to the simulated diving in man and rat p0216 A78-41528  
 A comparison of the relative merits of Baralyme and Sodasorb [AD-A052559] p0206 N78-24804  
 A method of recording heat parameters of divers during work p0280 N78-31703  
 DNA  
 U DEOXYRIBONUCLEIC ACID  
 DOCKING  
 U SPACECRAFT DOCKING  
 DOCUMENTS  
 NT BIBLIOGRAPHIES  
 NT USER MANUALS (COMPUTER PROGRAMS)  
 DOGS  
 Model of motion sickness in dogs used to evaluate efficacy of pharmacological agents p0176 N78-22678  
 DOMINANCE  
 NT EYE DOMINANCE  
 DOPPLER EFFECT  
 Bloodflow measurement by means of a multigate ultrasonic Doppler device --- German book p0053 A78-18744  
 Ultrasonic detection by the Doppler effect of circulating bubbles in humans and animals in altitude p0059 A78-20553  
 Transcutaneous measurement of volume blood flow [NASA-CR-155233] p0012 N78-11691  
 Totally implantable bidirectional pulsed Doppler blood flow telemetry: Integrated timer-exciter circuitry and Doppler frequency estimation p0093 N78-17650  
 Totally implantable bidirectional pulsed Doppler blood flow telemetry: Integrated ultrasonic receiver, diameter detection, and volume flow estimation p0144 N78-20753  
 DOSAGE  
 NT RADIATION DOSAGE  
 DOSIMETERS  
 Review of exposure techniques and dosimetric methods employed in microwave bioeffects research p0048 A78-17583  
 Dosimetric and biological results from the Bacillus subtilis Biostack experiment within the ASTP p0267 A78-48598  
 Use of thermoluminescence dosimetry for measuring the radiation emitted by color TV sets p0145 N78-20763  
 Quantitation of microwave biological effects p0167 N78-22599  
 Methods of irradiating biological objects and results of dosimetry onboard the Kosmos-690 satellite p0306 N78-32680  
 DOSIMETRY  
 U DOSIMETERS

DOUGLAS MILITARY AIRCRAFT  
 U MILITARY AIRCRAFT  
 DOVAP  
 U DOPPLER EFFECT  
 DRINKING  
 Survey of pilots' attitudes and opinions about drinking and flying p0101 A78-26734  
 DRONE HELICOPTERS  
 U HELICOPTERS  
 DROSOPHILA  
 Survivorship of Drosophila in nitrogen reduced hypobaric atmospheres --- spacecraft atmosphere studies p0157 A78-35109  
 DROWSINESS  
 U SLEEP  
 DRUG THERAPY  
 U CHEMOTHERAPY  
 DRUGS  
 NT ADRENERGICS  
 NT ANESTHETICS  
 NT ANTIBIOTICS  
 NT ANTICONVULSANTS  
 NT ANTIDIURETICS  
 NT ANTIDOTES  
 NT ANTIHISTAMINICS  
 NT ANTIHYPERTENSIVE AGENTS  
 NT ANTIRADIATION DRUGS  
 NT ATROPINE  
 NT CAFFEINE  
 NT CENTRAL NERVOUS SYSTEM STIMULANTS  
 NT CHOLINERGICS  
 NT CORTISONE  
 NT CYSTEINE  
 NT DECONGESTANTS  
 NT EPINEPHRINE  
 NT HEMOSTATICS  
 NT HISTAMINES  
 NT INSULIN  
 NT MARIJUANA  
 NT MOTION SICKNESS DRUGS  
 NT NARCOTICS  
 NT NORADRENALINE  
 NT PROMETHAZINE  
 NT STIMULANT  
 NT TRANQUILIZERS  
 The visual risk of ethanbutol treatment - Aeronautical incidences p0132 A78-29296  
 Conditions for the testing of drugs in man [BLL-RTS-10883] p0063 N78-15668  
 Effects of lithium carbonate on performance and biomedical functions [AD-A044824/1] p0066 N78-15685  
 The Use and Abuse of Social Drugs [AGARD-CP-218] p0094 N78-17658  
 The need for drug and alcohol programs that are unique to military organizations p0094 N78-17659  
 Influence of socially used drugs on vision and vision performance p0094 N78-17663  
 Possible designs of medication monitors [PB-278973/3] p0232 N78-27766  
 The effect of various drugs on experimentally induced ulcers in immobilized rats [NASA-TM-75340] p0305 N78-32670  
 DRY HEAT  
 Degradation of biochemical activity in soil sterilized by dry heat and gamma radiation p0303 A78-53874  
 Effect of the combination of dry air heat and cold water treatment on human orthostatic stability p0308 N78-32695  
 DRYING  
 NT DEHYDRATION  
 NT FREEZE DRYING  
 DTNB-111 GROUND EFFECT MACHINE  
 U GROUND EFFECT MACHINES  
 DTNB-430 GROUND EFFECT MACHINE  
 U GROUND EFFECT MACHINES  
 DUMMIES  
 Evaluating experiments of heat insulation of life raft by dummy and human body p0001 A78-10195  
 Fast neutron depth dose distributions in a heterogeneous phantom p0314 N78-33712

- Evaluation of seating and restraint systems and anthropomorphic dummies conducted during fiscal year 1977  
[AD-A056905] p0317 N78-33737
- DUST**  
NT COSMIC DUST  
Silica dust test for respiratory protective devices [PB-278019/5] p0227 N78-26746
- DYES**  
Strong sensitizers [PB-280475/5] p0284 N78-31728
- DYNAMIC CHARACTERISTICS**  
NT AIRCRAFT STABILITY  
NT CONTROL STABILITY  
NT FLOW CHARACTERISTICS  
NT FLOW VELOCITY  
NT MOTION STABILITY  
NT TRANSIENT RESPONSE  
Mechanics of the human diaphragm during voluntary contraction. I - Statics. II - Dynamics p0217 A78-42004  
Design and construction of the Donner 280-crystal positron ring for dynamic transverse section emission imaging [LBL-5679] p0283 N78-31721
- DYNAMIC CONTROL**  
Controller design for a manipulator using theory of variable structure systems p0083 A78-24000  
New control concept of anthropomorphic manipulators p0136 A78-30508  
Manipulators: Dynamics and algorithms --- Russian book p0266 A78-48529  
Dynamic control of parameters of spacecraft atmosphere p0116 N78-18725
- DYNAMIC LOADS**  
NT AERODYNAMIC LOADS  
NT VIBRATORY LOADS
- DYNAMIC MODELS**  
Hand-arm vibration. III - A distributed parameter dynamic model of the human hand-arm system p0153 A78-32781  
Dual-loop model of the human controller p0199 A78-39184  
Closed loop models for analyzing the effects of simulator characteristics --- pilot performance/workload prediction [AIAA 78-1592] p0291 A78-50667  
Determination of the biomechanical parameters of man's vertebromuscular axis --- using NASTRAN p0174 N78-22666  
Some modern control techniques for human operator modeling and identification p0182 N78-23022  
Multi-rigid-body system dynamics with applications to human-body models and finite-segment cable models [AD-A052868] p0227 N78-26743
- DYNAMIC PROPERTIES**  
U DYNAMIC CHARACTERISTICS
- DYNAMIC RESPONSE**  
NT TRANSIENT RESPONSE  
Prediction of head/neck dynamic response of selected military subjects to -G/x/ acceleration p0075 A78-21717  
Predictive model of dynamic response of the human head/neck system to -G/x/ impact acceleration p0076 A78-21718  
Effect of prehatching weightlessness on adult fish behavior in dynamic environments p0139 A78-31841  
Research on visual perception of complex and dynamic imagery [AD-A049127] p0124 N78-19753  
Dynamic response of human and primate head and neck to lateral G<sub>y</sub> impact statement [PB-275448/9] p0146 N78-20770  
Human tolerance of repeated shocks p0174 N78-22667  
The matching of biological and technical elements and systems [NASA-TN-75313] p0228 N78-27738
- DYNAMIC STABILITY**  
NT AIRCRAFT STABILITY  
NT CONTROL STABILITY  
NT MOTION STABILITY
- DYNAMIC TESTS**  
Evaluation of postural mechanisms under dynamic conditions [NASA-CR-151638] p0112 N78-18700
- DYNAMOMETERS**  
Measurement of forces on aircraft rudders [ONERA, TP NO. 1978-34] p0216 A78-41419
- E**
- EAR**  
NT COCHLEA  
NT CORTI ORGAN  
NT EARDRUMS  
NT LABYRINTH  
NT MIDDLE EAR  
NT SEMICIRCULAR CANALS  
NT VESTIBULES  
The role of a decrease in body heat content in the thermoregulatory response of ear passageways p0293 A78-51661  
Use of the auricle-floor temperature of the rabbit as an index of skin blood flow p0303 A78-53792  
The configuration of movement of the semicircular canal cupula p0144 N78-20750  
Human visual functions as related to mild vestibular stimuli p0185 N78-23717
- EAR PROTECTORS**  
Application of commercially available filter components for psychoacoustic testing p0273 A78-49898
- EARDRUMS**  
Dynamics of the amphibian middle ear p0131 A78-29247  
Acute changes in inner ears of laboratory animals caused by simulated sonic booms [UTIAS-211] p0039 N78-12649
- EARPHONES**  
Speech intelligibility through communication headsets for general aviation p0133 A78-29557  
Linear noise-attenuating earphone [AD-A048846] p0127 N78-19775
- EARTH ATMOSPHERE**  
NT BIOSPHERE  
NT LOWER ATMOSPHERE  
NT MESOSPHERE  
NT OZONOSPHERE  
NT PRIMITIVE EARTH ATMOSPHERE  
NT TROPOSPHERE  
Results of visual observations of the atmosphere and landscapes from manned spacecraft p0265 A78-47989
- EARTH HYDROSPHERE**  
Effects of Solar Activity on the Earth's Atmosphere and Biosphere [TT-75-50015] p0163 N78-22561  
Effect of heliogeophysical factors on the evolution of infectious diseases of man p0163 N78-22569  
Possible solar-activity factors affecting processes in the biosphere p0163 N78-22572  
An experimental study of the ultralow-frequency electromagnetic fields on warmblooded animals and microorganisms p0164 N78-22580
- EARTH MOVEMENTS**  
On extraterrestrial causes of the earth's dynamic processes and extinction of life p0220 A78-42951
- EARTH RESOURCES**  
NT CRUDE OIL  
NT FOSSIL FUELS  
NT GEOTHERMAL RESOURCES
- EARTH SATELLITES**  
NT BIOSATELLITES  
NT COSMOS SATELLITES  
NT COSMOS 782 SATELLITE  
NT COSMOS 936 SATELLITE
- EARTH SURFACE**  
Detection of terrestrial landmarks during dark adaptation p0264 A78-47984  
Results of visual observations of the atmosphere and landscapes from manned spacecraft

- Formation of early earth regolith --- origins of life p0265 A78-47989
- EATING p0289 A78-50277
- Comparison of synchronization of primate circadian rhythms by light and food p0134 A78-29640
- Consumption of freeze-dried food in weightlessness --- for space flight feeding p0184 A78-23712
- ECCENTRICITY
- Perimetry of contrast detection thresholds of moving spatial sine wave patterns. I - The near peripheral visual field /eccentricity 0-8 deg/. II - The far peripheral visual field /eccentricity 0-50 deg/. III - The target extent as a sensitivity controlling parameter. IV - The influence of the mean retinal illuminance p0217 A78-42473
- The interaction between the utricles and the semicircular canals during eccentric rotation p0314 A78-33714
- ECHOCARDIOGRAPHY
- Two-dimensional echocardiography with a wide angle /60 deg/ sector scanner p0001 A78-10498
- Aortic root and left atrial wall motion - An echocardiographic study p0002 A78-10499
- Correlations between electrocardiographic, vectorcardiographic, and echocardiographic findings in patients with left ventricular overload p0017 A78-13146
- An application of pattern recognition to echocardiography p0083 A78-23997
- Study of left ventricular wall thickness and dimension changes using echocardiography p0137 A78-30725
- Assessment of correction formula for echocardiographic estimations of left ventricular volumes p0155 A78-34084
- Rapid changes in left ventricular dimensions and mass in response to physical conditioning and deconditioning p0220 A78-42847
- Atrial flutter - Electrocardiographic, vectorcardiographic and echocardiographic correlation p0271 A78-49150
- Processing of echocardiographic data for automatic detection of moving heart structures p0228 A78-27741
- ECOLOGICAL SYSTEMS
- U ECOLOGY
- ECOLOG
- Possibility of attenuating the ecological effects of alternating current power lines as a result of new designs and circuit changes p0281 A78-31708
- ECONOMIC ANALYSIS
- Assessment of free-living nitrogen fixing microorganisms for commercial nitrogen fixation --- economic analysis of ammonia production [NASA-CR-157565] p0275 A78-30798
- ECOSYSTEMS
- Technology requirements for non-terrestrial ecosystems p0268 A78-48666
- Distribution of phytoplankton in Ohio lakes [PB-280140/5] p0276 A78-30804
- EDEMA
- High-altitude pulmonary edema p0019 A78-13505
- Problems raised by the discovery of a papillary edema in a pilot trainee p0060 A78-20560
- Effect of prolonged hypokinesia on the course of acute aseptic inflammation p0119 A78-18747
- EDUCATION
- NT ASTRONAUT TRAINING
- NT FLIGHT TRAINING
- NT GUNNERY TRAINING
- NT PILOT TRAINING
- NT SPACE FLIGHT TRAINING
- Use of path models to study a precareer air traffic control training program p0298 A78-52641
- Using task data in diagnostic radiology. Volume 2: Curriculum objectives for radiologic technology [PB-270460/9] p0041 A78-12663
- Using task data in diagnostic radiology. Volume 1. Job ladders: Assigning tasks to jobs [PB-270459/1] p0041 A78-12664
- Adaptive training of perceptual motor skills: Issues, results and future directions [AD-A050461] p0150 A78-21765
- Use of the occupational knowledge test to assign extra credit in selection of air traffic controllers [AD-A053675] p0277 A78-30818
- EEG (ELECTROENCEPHALOGRAMS)
- U ELECTROENCEPHALOGRAPHY
- EFFECTIVE PERCEIVED NOISE LEVELS
- The influence of the acoustic reflex on the loudness of pulsed pure tones p0200 A78-39346
- Auditory frequency selectivity and two-tone suppression in normal hearing human listeners p0308 A78-32697
- The effort of noise exposure on the masking level difference p0314 A78-33709
- EFFECTIVENESS
- NT SYSTEM EFFECTIVENESS
- EFFECTORS
- U CONTROL EQUIPMENT
- EFFERENT NERVOUS SYSTEMS
- Effect of electrical stimulation of posterior hypothalamus structures on the acetylcholinesterase activity of the cortical motor zone in health and under the action of pharmacological agents p0080 A78-22073
- Critical variables in adaptive motor skills training p0153 A78-32677
- Loss of circadian rhythmicity in body temperature and locomotor activity following suprachiasmatic lesions in the rat p0267 A78-48576
- Functional evidence of efferent nerve endings in the human inner ear p0300 A78-53393
- Motor activity and prevention of consequences of hypokinesia (on the basis of indices of tissular metabolism) --- DNA RNA and protein content p0185 A78-23720
- EFFICIENCY
- NT ENERGY CONVERSION EFFICIENCY
- EFFLUENTS
- Biological testing of water reclaimed from purified sewage effluents p0206 A78-25747
- Coliphages survival as viral indicator in various wastewater quality effluents p0207 A78-25748
- EFFORT
- Relation between pulse rate during the complex coordination test and several psychological measures of effort and stress [DLR-IB-355-75/04] p0013 A78-11700
- EGGS
- Calculation of the radiobiological effects of heavy ions on eggs of Artemia salina flown in the Biostack experiments p0029 A78-15194
- Preliminary results of the Biobloc experiment on the Cosmos 782 flight - Effects of cosmic rays on brine shrimp eggs and tobacco seeds p0029 A78-15195
- EJECTION INJURIES
- Identification and classification of vertebral fractures following emergency capsule egress from military aircraft p0074 A78-21707
- Theory and application of a three-dimensional model of the human spine p0074 A78-21708
- The F/PB-111 escape injury mechanism assessment [AD-A052337] p0248 A78-28789
- EJECTION SEATS
- Acceleration effects on the ability to activate emergency devices in F-4 aircraft

- [AD-A042281] p0015 N78-11715  
**ELASTIC BODIES**  
 The experimental simulation of elastic model of artery system - Some behaviour of vascular substitute under repeated internal stress p0217 A78-42576
- ELASTIC CONSTANTS**  
 U ELASTIC PROPERTIES  
**ELASTIC MODULUS**  
 U MODULUS OF ELASTICITY  
**ELASTIC PROPERTIES**  
 NT MODULUS OF ELASTICITY  
 NT THERMOELASTICITY  
 NT VISCOELASTICITY  
 Elasticity of excised dog lung parenchyma p0258 A78-47206
- ELASTIC SHELLS**  
 Small oscillations of an ideal fluid with consideration of mass forces in the elastic shell p0293 A78-51386
- ELASTIC WAVES**  
 NT AIRCRAFT NOISE  
 NT JET AIRCRAFT NOISE  
 NT NOISE (SOUND)  
 NT PHONONS  
 NT SONIC BOOMS  
 NT ULTRASONIC RADIATION
- ELASTICITY**  
 U ELASTIC PROPERTIES  
**ELASTODYNAMICS**  
 Compliance of a manipulator p0154 A78-33887  
 Control of a flexible manipulator arm p0260 A78-47541
- ELASTOMERS**  
 NT VULCANIZED ELASTOMERS  
**ELECTRIC ARCS**  
 A versatile electromagnetic environmental simulator --- for lightning generation p0048 A78-17530
- ELECTRIC CONDUCTORS**  
 A subcutaneous channeling probe for implanting long leads p0294 A78-51872
- ELECTRIC CURRENT**  
 NT ALTERNATING CURRENT  
 NT ELECTRIC ARCS  
 NT ELECTRIC DISCHARGES  
 NT LIGHTNING  
 NT RADIO FREQUENCY DISCHARGE  
 Electrical enhancement of healing in combat injuries to hard and soft tissues [AD-A055531] p0282 N78-31718
- ELECTRIC DISCHARGES**  
 NT ELECTRIC ARCS  
 NT LIGHTNING  
 NT RADIO FREQUENCY DISCHARGE  
 An investigation of the reduction of carbon dioxide in a silent electric discharge [NASA-CR-152146] p0209 N78-25767
- ELECTRIC FIELD STRENGTH**  
 Some biological effects of high intensity, low frequency /60 Hz/ electric fields on small birds and mammals p0199 A78-39117
- ELECTRIC FIELDS**  
 Some biological effects of high intensity, low frequency /60 Hz/ electric fields on small birds and mammals p0199 A78-39117  
 Electric field measurements within biological media p0167 N78-22601  
 Copper, molybdenum, iron and manganese metabolism in rat tissues in response to a 50 Hz electric field p0187 N78-23730  
 Evaluation of hygienic significance of electric field of power lines in populated areas p0187 N78-23731  
 Health and safety of high voltage transmission lines [OR-3490-1255] p0248 N78-28792  
 Biological effects of high strength electric fields on small laboratory animals [HCP/1830-03] p0313 N78-33706
- ELECTRIC FILTERS**  
 NT TRACKING FILTERS  
**ELECTRIC GENERATORS**  
 NT DYNAMOMETERS  
 NT SOLAR CELLS
- ELECTRIC IMPULSES**  
 U ELECTRIC PULSES  
**ELECTRIC POTENTIAL**  
 NT BIOELECTRIC POTENTIAL  
 A spatial-temporal filtering procedure for cardiac potential mapping p0158 A78-35193  
 The influence of anatomical variations on voltage in the 12 lead electrocardiogram p0064 N78-15670
- ELECTRIC POWER PLANTS**  
 NT NUCLEAR POWER PLANTS  
**ELECTRIC POWER TRANSMISSION**  
 Electrical and biological effects of transmission lines: A review [BPA-BIO-77-1] p0315 N78-33722
- ELECTRIC PULSES**  
 A new model of nerve action potential and the existence of a pulse solution p0109 N78-18676
- ELECTRIC STIMULI**  
 Investigation of the effect of electrical pain stimulation of the skin on the reflex excitation of human alpha-motoneurons p0052 A78-18538  
 Effect of electrical stimulation of posterior hypothalamus structures on the acetylcholinesterase activity of the cortical motor zone in health and under the action of pharmacological agents p0080 A78-22073  
 Mathematical description of synapse behavior under conditions of rhythmic stimulation p0099 A78-25625  
 Formation mechanism for rhythmic extended action potentials of peripheral nerves and muscles p0104 A78-27668  
 On the possibility of predicting the frequency of electrical stimulation which would cause the onset of the regular rhythm of extended action potentials p0105 A78-27712  
 Dynamics of conditioned-reflex realignments of human visual recognition and detection p0106 A78-28124  
 Study of transient processes in the visceral analyzer p0213 A78-41012  
 REM deprivation by stimulation of the reticular formation in the rat p0302 A78-53787  
 Tread drum for animals --- having an electrical shock station [NASA-CASE-ARC-10917-1] p0227 N78-27733  
 Electrorceptors in man and other animals p0280 N78-31696
- ELECTRICAL CONDUCTIVITY**  
 U ELECTRICAL RESISTIVITY  
**ELECTRICAL IMPEDANCE**  
 NT SKIN RESISTANCE  
 Electrical impedance cardiogram in derivation of systolic time intervals p0154 A78-34082  
 Electric impedance and mechanical recording, cardiovascular investigative methods in air medicine p0257 A78-46951  
 Impedance cardiography for estimating cardiac output during submaximal and maximal work p0297 A78-52544  
 Electrical impedance and mechanography, methods of cardio-vascular investigation in space p0169 N78-22625
- ELECTRICAL LEADS**  
 U ELECTRIC CONDUCTORS  
**ELECTRICAL MEASUREMENT**  
 NT POLAROGRAPHY  
 Measurement of passive electrical properties of muscle: Techniques and applications p0061 N78-14774  
 Electric field measurements within biological media p0167 N78-22601
- ELECTRICAL PROPERTIES**  
 NT DIELECTRIC PROPERTIES  
 NT ELECTRICAL IMPEDANCE  
 NT ELECTRICAL RESISTIVITY  
 NT INDUCTANCE  
 NT PYROELECTRICITY  
 NT SKIN RESISTANCE



## ELECTRICAL RESISTANCE

## SUBJECT INDEX

- Measurement of passive electrical properties of muscle: Techniques and applications p0061 N78-14774
- ELECTRICAL RESISTANCE**
- NT SKIN RESISTANCE**
- ELECTRICAL RESISTIVITY**
- Pacemaker related conductance changes in cardiac Purkinje fibers p0112 N78-18697
- ELECTRICITY**
- NT ALTERNATING CURRENT**
- ELECTROCARDIOGRAMS**
- U ELECTROCARDIOGRAPHY**
- ELECTROCARDIOGRAPHY**
- Evaluation of automated ECG monitoring - Theoretical model based upon point process techniques p0001 A78-10063
- Correlations between electrocardiographic, vectorcardiographic, and echocardiographic findings in patients with left ventricular overload p0017 A78-13146
- Precordial T wave vectors in the detection of coronary heart disease - The Framingham study p0017 A78-13147
- The effect of respiration on normal and abnormal Q waves - An electrocardiographic and vectorcardiographic analysis p0017 A78-13148
- Computer analysis of the orthogonal electrocardiogram and vectorcardiogram in 257 patients with aortic valve disease p0026 A78-14647
- Diagnostic value of history and maximal exercise electrocardiography in men and women suspected of coronary heart disease p0027 A78-15160
- Relation between the site of origin of ventricular premature complexes and the presence and severity of coronary artery disease p0037 A78-17134
- Measurement of the human magnetic heart vector p0048 A78-17265
- Temperature-dependent alterations of the surface-EMG and ECG - An investigation of the electrical transfer characteristics of the human skin p0057 A78-20340
- The orthogonal electrocardiogram in normal women - Implications of sex differences in diagnostic electrocardiography p0057 A78-20362
- Thallium-201 myocardial perfusion scintigraphy for the clinical clarification of normal, abnormal and equivocal electrocardiographic stress tests p0073 A78-21450
- A prototype system for automated interpretation of vectorcardiograms p0083 A78-23881
- Efficient digitization methods for electrocardiograms p0083 A78-23904
- Cardiac, EEG, and motor components of the unconditioned reaction to acoustic stimulus during wakefulness and slow-wave sleep p0104 A78-27669
- Experimentally observed magnetic-field effect on electrocardiographic indices p0104 A78-27670
- Cardiac rhythm during wakefulness and different stages of sleep p0129 A78-28491
- The interpretation of the T wave of the electrocardiogram p0135 A78-29937
- Noninvasive recording of electrical activity in the PR segment in man --- relationship to intracavity His bundle p0136 A78-30724
- A spatial-temporal filtering procedure for cardiac potential mapping p0158 A78-35193
- Relationships among Green's theorem, Helmholtz' theorem, and integral equation methods of solving the forward ECG problem p0196 A78-37152
- Portable heart rate recorder with PLL circuit --- Phase Locked Loop p0196 A78-37235
- The electrocardiogram and cardiac rhythm in healthy young persons p0217 A78-42654
- Different prognostic value of exercise electrocardiogram in men and women p0220 A78-42925
- A method for recording transient processes in the cardiac rhythm and its implementation p0237 A78-44094
- Several factors of designing multi-channel ECG pre-amplifier for human centrifuge experiment and performance of tentatively manufactured equipment p0238 A78-44350
- Cardiac rhythm diagnosis by digital computer --- Thesis p0239 A78-45224
- Electrophysiologic properties of alcohol in man p0239 A78-45409
- Continuing studies of noise and cardiovascular function p0240 A78-45510
- Contribution to the diagnosis of painless ischemic cardiopathy in flight personnel p0257 A78-46957
- Atrial flutter - Electrocardiographic, vectorcardiographic and echocardiographic correlation p0271 A78-49150
- Real-time compression of ECG data - Technical realization p0293 A78-51459
- The influence of anatomical variations on voltage in the 12 lead electrocardiogram p0064 N78-15670
- Electrical impedance and mechanography, methods of cardio-vascular investigation in space p0169 N78-22625
- An inductively powered telemetry system for temperature, EKG, and activity monitoring [NASA-TN-78486] p0183 N78-23706
- Experimental analysis of the information content of an aural electrical field of the human body [AD-A051096] p0188 N78-23741
- Description and analysis of the Hewlett-Packard 78220 arrhythmia monitoring system [AD-A055451] p0283 N78-31720
- ELECTROCHEMISTRY**
- NT ELECTROLYSIS**
- Multichannel electrochemical microbial detection unit p0137 A78-31300
- Technology advancement of the electrochemical CO2 concentrating process [NASA-CR-152098] p0182 N78-22723
- Evaluation of an electrochemical detector for trace concentrations of hydrazine compounds in air --- space shuttle related toxic hazards [AD-A054636] p0250 N78-28811
- ELECTRODERMAL RESPONSE**
- J GALVANIC SKIN RESPONSE**
- ELECTRODES**
- NT CATHODES**
- NT IMPLANTED ELECTRODES (BIOLOGY)**
- ELECTRODYNAMOMETERS**
- U DYNAMOMETERS**
- ELECTROENCEPHALOGRAM**
- U ELECTROENCEPHALOGRAPHY**
- ELECTROENCEPHALOGRAPHY**
- Application of factor analysis to electroencephalogram p0001 A78-10197
- Investigation of the bioelectrical activity of the brain under conditions of varied 24 hour lifecycle p0022 A78-13590
- EEG diagnosis of operators p0023 A78-13596
- Individual differences during training in the case of alpha brain waves with biofeedback p0026 A78-14500
- Flurazepam effects on slow-wave sleep - Stage 4 suppressed but number of delta waves constant p0032 A78-15312
- The use of methods of multivariate statistics for the automatic recognition of anomalies in records of background EEG p0052 A78-18537

# SUBJECT INDEX

# ELECTROMAGNETIC FIELDS

- Generalized EEG changes in the rabbit during selective cooling and heating of the posterior hypothalamus p0072 A78-21195
- Classification of sleep stage with period analysis features derived from the EEG p0101 A78-26737
- Characteristics of the local temperature of isolated cortex during wakefulness and alternation of sleep stages p0107 A78-28449
- Ten-year experience with abnormal EEGs in asymptomatic adult males p0158 A78-35112
- Effects of exercise on sleep p0217 A78-42006
- Methodological approach to the analysis of the 'semantic' information in the human EEG p0219 A78-42669
- Use of EEG in selecting candidates for flight schools p0235 A78-43698
- Changes in EEG pattern during acclimatization to high altitude /3500 m/ in man p0241 A78-46409
- Study of the specific effects of microwaves on the central nervous system. I - Demonstration of modifications of cerebral electrogenesis in the rat J257 A78-46953
- Workload and fatigue-in-flight EEG changes p0298 A78-52640
- Automated electroencephalography system and electroencephalographic correlates of space motion sickness, part 4 [NASA-CR-151560] p0040 N78-12660
- A nonlinear model of the human EEG signal during photic stimulation p0093 N78-17651
- Electroencephalographic and galvanic skin responses to verbal stimuli [PB-274175/9] p0096 N78-17670
- The effect of the benzodiazepine adumbran on the resting and sleep EEG and on the visual evoked potential in adult man [RAE-LIB-TRANS-1906] p0187 N78-23736
- The psychological significance of the electroencephalogram [IZF-1977-6] p0204 N78-24794
- The electroencephalogram in aircrew selection and aviation medicine: A survey of literature [CSIR-SR-PERS-268] p0207 N78-25756
- Effects of stimulus repetition rate and sensation level upon the EEG following response of awake human subjects p0224 N78-26722
- Neurophysiological assessment of functional states of the brain --- electroencephalographic responses to workloads p0287 N78-31755
- Changes in electrocerebellograms and automatic reactions of rats to accelerations p0307 N78-32684
- Biocybernetics experiment: Command and control human factors experimental program [AD-A055666] p0310 N78-32710
- The effects of supranormal concentrations of potassium ion and other vasoactive drugs on the visual evoked response and regional cerebral blood flow in the monkey brain p0313 N78-33701
- ELECTROKINETICS**
- Personalized, electro-kinematic, neuromuscular model of a human forearm p0077 A78-21726
- ELECTROLYSIS**
- Electrolytic pretreatment of urine [NASA-CR-151566] p0043 N78-13725
- Technology advancement of the static feed water electrolysis process [NASA-CR-152073] p0126 N78-19772
- ELECTROLYTE METABOLISM**
- Normal sodium balance in dogs and in man p0004 A78-12524
- Plasma /Na<sup>+</sup>/, /Ca<sup>++</sup>/, and volume shifts and thermoregulation during exercise in man p0053 A78-18573
- Effects of 6 hours hypoxic and cold exposure on urinary electrolyte and catecholamine excretion p0079 A78-21743
- Regulation of CSP /HC03-/ during long-term hypoxic hypocapnia in man p0103 A78-26923
- Fluid-electrolyte shifts and maximal oxygen uptake in man at simulated altitude /2,287 m/ p0192 A78-36602
- The osmoregulating function of the kidneys during immersion p0197 A78-37857
- Body fluid compartments in rabbits on exposure to acute hypobaric hypoxia --- with/without diuretic treatment p0215 A78-41163
- Electrolyte content of the myocardium, skeletal muscles and blood of rats during prolonged hypokinesia and readaption p0308 N78-32692
- ELECTROLYTES**
- NT ION EXCHANGE MEMBRANE ELECTROLYTES**
- Electrolyte content of blood and potassium ion transport in erythrocytes of animals exposed to a steady magnetic field p0116 N78-18727
- Fluid-electrolyte metabolism in albino rats after a flight on the Kosmos-690 biosatellite p0175 N78-22672
- Distribution of tissue water and electrolytes in normal rhesus macaques [AD-A052019] p0188 N78-23738
- ELECTROLYTIC CELLS**
- Development of a non-cryogenic nitrogen/oxygen supply system --- for spacecraft environments [NASA-CR-151542] p0008 N78-10704
- ELECTROMAGNETIC ABSORPTION**
- Electromagnetic power deposition in prolate spheroid models of man and animals at resonance p0032 A78-15225
- International Union of Radio Science, Annual Meeting, University of Massachusetts, Amherst, Mass., October 11-15, 1976, Proceedings --- microwave effects on biological systems p0080 A78-21876
- Measurement of microwave radiation absorbed by biological systems. I - Analysis of heating and cooling data p0080 A78-21877
- Measurement of microwave radiation absorbed by biological systems. II - Analysis by Dewar-flask calorimetry p0080 A78-21878
- ELECTROMAGNETIC CONTROL**
- U REMOTE CONTROL**
- ELECTROMAGNETIC FIELDS**
- Biological effect of a weak low-frequency pulsed electromagnetic field --- myocardium activity p0138 A78-31473
- Implantable electromagnetic field probes in finite biological bodies p0086 N78-16593
- An experimental study of the ultralow-frequency electromagnetic fields on warmblooded animals and microorganisms p0164 N78-22580
- Effects of low-frequency (50 Hz) electromagnetic field on functional state of the human body p0186 N78-23725
- Effect of energy of superhigh-frequency electromagnetic fields on the bodies of experimental animals under different conditions of ultraviolet irradiation p0186 N78-23726
- Distinctive reactions of the body's immunological system to the combined effects of physical and chemical environmental factors p0186 N78-23727
- The effect of electromagnetic fields on enzyme activity p0186 N78-23728
- Electromagnetic field effects on growth and of plants p0187 N78-23732
- Biological effects of static and low-frequency electromagnetic fields: An overview of United States literature [EPRI-BA-490-SR] p0204 N78-24793
- Coagulative properties of blood and tissues of the cardiovascular system in exposure to electromagnetic fields

## ELECTROMAGNETIC INTERFERENCE

## SUBJECT INDEX

- Translation on USSR science and technology:  
Biomedical and behavioral sciences, no. 45:  
Effects of nonionizing electromagnetic radiation  
[JPRS-71910] p0281 N78-31706
- Cellular and molecular effects and the mechanism  
of action of microwave electromagnetic fields on  
biological systems p0316 N78-33728
- ELECTROMAGNETIC INTERFERENCE**  
NT WHITE NOISE  
**ELECTROMAGNETIC NOISE**  
NT WHITE NOISE  
**ELECTROMAGNETIC PROPERTIES**  
NT BRIGHTNESS  
NT COLOR  
NT DIELECTRIC PROPERTIES  
NT ELECTRICAL PROPERTIES  
NT ELECTROMAGNETIC ABSORPTION  
NT INDUCTANCE  
NT LUMINOSITY  
NT OPTICAL PROPERTIES  
**ELECTROMAGNETIC RADIATION**  
NT Cerenkov radiation  
NT FAR ULTRAVIOLET RADIATION  
NT GAMMA RAYS  
NT INFRARED RADIATION  
NT LIGHT (VISIBLE RADIATION)  
NT MICROWAVE EMISSION  
NT MICROWAVES  
NT MILLIMETER WAVES  
NT NEAR ULTRAVIOLET RADIATION  
NT POLARIZED LIGHT  
NT RADIO WAVES  
NT THERMAL RADIATION  
NT ULTRAVIOLET RADIATION  
NT X RAYS  
Translations on USSR science and technology.  
Biomedical and behavioral sciences, no. 14:  
Effects of nonionizing electromagnetic radiation  
[JPRS-70101] p0041 N78-12665  
Biological effects of nonionizing electromagnetic  
radiation Volume 2: Number 2, December 1977  
[AD-A047647] p0113 N78-18705  
RF dielectric properties measurement system:  
Human and animal data p0114 N78-18711  
RF cell culture irradiation system with controlled  
temperature and field strength p0114 N78-18712  
RF radiation absorption patterns: Human and  
animal modeling data p0124 N78-19755  
Electromagnetic field levels near radar therapy  
equipment p0146 N78-20765  
Behavioral effects of electromagnetic energy p0166 N78-22592  
A finite element technique for calculating induced  
internal fields and power deposition in  
biological media of complex irregular geometry  
exposed to plane wave electromagnetic radiation  
p0167 N78-22604  
Translations on USSR science and technology:  
Biomedical and behavioral sciences, no. 28.  
Effects of nonionizing electromagnetic radiation  
[JPRS-71136] p0186 N78-23724  
Biological effects of nonionizing electromagnetic  
radiation, volume 2, no. 3, March 1978  
[AD-A052779] p0247 N78-28786  
Translations on USSR science and technology:  
Biomedical and behavioral sciences, no. 40.  
Effects on nonionizing electromagnetic radiation  
[JPRS-71595] p0281 N78-31705
- ELECTROMAGNETIC SCATTERING**  
NT LIGHT SCATTERING  
**ELECTROMAGNETIC WAVE FILTERS**  
NT OPTICAL FILTERS  
NT TRACKING FILTERS  
**ELECTROMAGNETIC WAVE TRANSMISSION**  
NT LIGHT SCATTERING  
NT LIGHT TRANSMISSION  
NT TELEVISION TRANSMISSION  
**ELECTROMAGNETIC WAVES**  
U ELECTROMAGNETIC RADIATION  
**ELECTROMAGNETICS**  
U ELECTROMAGNETISM  
**ELECTROMAGNETISM**  
A versatile electromagnetic environmental simulator
- for lightning generation p0048 A78-17530
- ELECTROMYOGRAMS**  
U ELECTROMYOGRAPHY  
**ELECTROMYOGRAPHS**  
U ELECTROMYOGRAPHY  
**ELECTROMYOGRAPHY**  
Muscular control of movements with one degree of  
freedom. I - Single movements p0034 A78-15996  
Temperature-dependent alterations of the  
surface-EMG and ECG - An investigation of the  
electrical transfer characteristics of the human  
skin p0057 A78-20340  
Personalized, electro-kinematic, neuromuscular  
model of a human forearm p0077 A78-21726  
Comparison of analysis techniques for  
electromyographic data p0078 A78-21735  
Mechanics of the human diaphragm during voluntary  
contraction. I - Statics. II - Dynamics p0217 A78-42004  
Dynamics of cyclic and acyclic locomotion of the  
Soyuz-18 crew after a 63-day space mission  
p0118 N78-18740
- ELECTRON EMISSION**  
NT SECONDARY EMISSION  
**ELECTRON MICROSCOPES**  
Effects of radiation upon the light-sensing  
elements of the retina as characterized by  
scanning electron microscopy p0029 A78-15197  
Analysis of iron content in individual human red  
blood cells by electron microprobe and scanning  
electron microscope p0011 N78-11683  
The organization and autonomic innervation of the  
vascular system of the mammalian spinal cord; an  
ultrastructural study p0178 N78-22692
- ELECTRON MICROSCOPY**  
U ELECTRON MICROSCOPES  
Release of microorganisms from soil with respect  
to transmission electron microscopy viewing and  
plate counts p0003 A78-12124  
Morphology of extremely heat-resistant spores from  
Bacillus sp. ATCC 27380 by scanning and  
transmission electron microscopy p0028 A78-15185  
Spectrophotofluorometric and electron microscopic  
study of lipofuscin accumulation in the testis  
of aging mice p0267 A78-48581  
A scanning study of acoustic lesions of the cochlea  
p0300 A78-53397  
Light and electron microscopic observations on the  
blood-brain barrier after microwave irradiation  
p0168 N78-22611  
X-ray analysis of biological specimens  
[UR-3490-1341] p0313 N78-33704
- ELECTRON TRANSFER**  
Biophysics of photosynthesis p0303 A78-53848
- ELECTRON TUBES**  
NT VIDICONS  
**ELECTRONIC CONTROL**  
Method of evaluating the work capacity of pilots  
and astronauts p0262 A78-47962  
Design and performance of heart assist or  
artificial heart control systems p0183 N78-23032
- ELECTRONIC EQUIPMENT**  
NT ELECTRONIC FILTERS  
NT SOLID STATE DEVICES  
NT SPACECRAFT ELECTRONIC EQUIPMENT  
Calibration of a new ear oximeter in humans during  
exposure to centrifugation p0131 A78-29035
- ELECTRONIC EQUIPMENT TESTS**  
Several factors of designing multi-channel ECG  
pre-amplifier for human centrifuge experiment  
and performance of tentatively manufactured  
equipment p0238 A78-44350

**ELECTRONIC FILTERS**

Application of commercially available filter components for psychoacoustic testing  
p0273 A78-49898

**ELECTRONIC SWITCHES****U SWITCHING CIRCUITS****ELECTRONYSTAGMOGRAPHY**

Modern electronystagmography for vestibulometry  
p0160 A78-35899

Effects of partial body weightlessness on the vestibulo-ocular reflex in man  
p0258 A78-47112

A procedure for the automated analysis of vestibular nystagmus  
p0291 A78-50750

The interaction between the utricles and the semicircular canals during eccentric rotation  
p0314 A78-33714

**ELECTROPHORESIS**

Total cholesterol and high density lipoprotein cholesterol /H.D.L.-ch./ in serum of aged pilots for predicting atherosclerotic diseases  
p0238 A78-44348

Separation of lymphocytes by electrophoresis under terrestrial conditions and at zero gravity, phase 3  
[NASA-CR-151702]  
p0148 A78-21753

Analytical study of electrophoretic characterization of kidney cells --- conducted during the Apollo Soyuz Test Project  
[NASA-CR-150790]  
p0282 A78-31713

**ELECTROPHYSIOLOGY**

Trichromatic vision in the cat  
p0032 A78-15280

Electrophysiological techniques for studying visual function in man - A historical overview  
p0035 A78-16076

Psychophysical applications of human electroretinography  
p0035 A78-16077

Transient visually evoked potential --- in human visual cortex  
p0035 A78-16078

Spatiotemporal mapping of scalp potentials  
p0035 A78-16080

A subjective method for the measurement of monochromatic aberrations of the eye  
p0036 A78-16083

Pathways for the circulation of pyramidal tract collaterals and their role in the formation of functional system apparatus  
p0136 A78-30400

Energy characteristics of nerve cell adaptation  
p0214 A78-41015

Biological model of a self-adjusting filter  
p0262 A78-47965

Susceptibility of the cat's visual system to hypoxia, hypotonia and circulatory arrest  
p0273 A78-49300

Experimental analysis of the information content of an aural electrical field of the human body  
[AD-A051096]  
p0188 A78-23741

Electrophysiologic and pharmacologic properties of mammalian sensory neurons  
p0227 A78-27732

The contribution of electrophysiology  
p0249 A78-28799

Translations on USSR science and technology: Biomedical and behavioral sciences, no. 35  
[JPRS-71467]  
p0280 A78-31694

Electroreceptors in man and other animals  
p0280 A78-31696

**ELECTRORETINOGRAPHY**

Influence of systemic factors on hyperbaric oxygen toxicity in the rat visual system  
p0018 A78-13269

Electrophysiological techniques for studying visual function in man - A historical overview  
p0035 A78-16076

Psychophysical applications of human electroretinography  
p0035 A78-16077

**ELECTROSHOCK EFFECT****U ELECTRIC CURRENT****ELECTROSTATIC FIELDS****U ELECTRIC FIELDS****ELEMENTARY EXCITATIONS****NT PHOTONS****ELEMENTARY PARTICLES****NT FAST NEUTRONS****NT POSITRONS****NT PROTONS****EMBOLISMS****NT AEROEMBOLISM****EMBRYOLOGY**

Studies on adenine acid-soluble nucleotides - content in the liver of gamma-irradiated chicken embryos  
p0266 A78-48442

Biological investigations on the orbital station 'Salyut-5'  
p0269 A78-48679

Is gravity a morphological determinant in plants at the cellular level  
p0269 A78-48699

Effect of weightlessness conditions on the somatic embryogenesis in the culture of carrot cells  
[NASA-TN-75040]  
p0008 A78-11662

Assessing biomedical technologies. An inquiry into the nature of the process  
[PB-271162/0]  
p0043 A78-13727

Killfish hatching and orientation: Experiment MA-161  
p0092 A78-17106

Support of ASTP/KOSMOS fundulus embryo development experiment  
[NASA-CR-151816]  
p0251 A78-29724

**EMBRYOS**

Morphogenetic responses of cultured totipotent cells of carrot /Daucus carota var. carota/ at zero gravity  
p0135 A78-30296

Locomotor behavior of fish hatched from embryos exposed to flight conditions  
[NASA-CR-151633]  
p0122 A78-19742

Development of the vestibulum of frog embryos and larvae on the fast running clinostat  
p0171 A78-22647

Effects of space environment on organism development  
p0173 A78-22660

**EMERGENCIES**

Emergency space-suit helmet  
[NASA-CASE-MSC-10954-1]  
p0121 A78-18761

**EMERGENCY BREATHING TECHNIQUES**

Protection against the physiological effects of positive pressure breathing  
p0160 A78-36151

**EMERGENCY LIFE SUSTAINING SYSTEMS**

Movement by helicopter of patients with decompression sickness  
p0299 A78-52645

**EMISSION****NT BIOLUMINESCENCE****NT CHEMILUMINESCENCE****NT FLUORESCENCE****NT MICROWAVE EMISSION****NT PARTICLE EMISSION****NT SECONDARY EMISSION****NT THERMOLUMINESCENCE****EMISSOGRAPHS****U RECORDING INSTRUMENTS****EMOTIONAL FACTORS**

Catecholamine excretion in helicopter pilots  
p0019 A78-73507

The role of professional and sexual factors in the auditory evaluation of emotionally tinged speech  
p0023 A78-13601

A theory on the evolutionary significance of psychosomatic disease  
p0047 A78-17222

Factor analysis of changes in sleep in the cat following emotional stress  
p0100 A78-26608

Heart damage during emotional stress and prophylaxis of this effect with the aid of preliminary adaptation to high-altitude hypoxia  
p0106 A78-28123

Annoyance by aircraft noise and fear of overflying aircraft in relation to attitudes toward the environment and community  
p0196 A78-37535

Modulation of autonomic correlates of emotional stress and adaptive responses  
p0242 A78-46453

Information processing under emotionally saturated conditions of activity  
p0261 A78-47957

## EMPLOYEE RELATIONS

## SUBJECT INDEX

Emotional state and orthostatic reactions  
p0262 A78-47960

Psychological state of the operator and visual  
evaluation of lunar relief  
p0264 A78-47988

Behavior therapy and the treatment of flight phobia  
p0266 A78-48086

**EMPLOYEE RELATIONS**  
Job attitudes of airway facilities personnel  
[AD-A046412] p0096 N78-17671

**EMULSIONS**  
NT NUCLEAR EMULSIONS

**ENCODING**  
J CODING

**ENDOCRINE GLANDS**  
NT ADRENAL GLAND  
NT GONADS  
NT PANCREAS  
NT PITUITARY GLAND  
NT THYMUS GLAND  
NT THYROID GLAND

**ENDOCRINE SECRETIONS**  
NT ADRENOCORTICOTROPIN (ACTH)  
NT ALDOSTERONE  
NT ESTROGENS  
NT HORMONES  
NT INSULIN  
NT PITUITARY HORMONES  
NT THYROXINE

Response of endocrine glands to the directional  
action of impulsive acceleration  
p0072 A78-21372

Quantitative evaluation of thyroid secretion in  
the white rat during cold adaptation  
p0100 A78-26609

Reduced triglyceride secretion - A metabolic  
consequence of chronic exercise  
p0134 A78-29637

Exchange-endocrine processes --- cosmonaut  
water-salt exchange and kidney functions  
p0194 A78-36637

Endocrine-metabolic cost of piloting F-104 G  
aircraft --- flight stress effects  
p0091 N78-16629

Regulation of mammalian hibernation  
p0122 N78-19741

Circulatory, renal and endocrine reactions on  
simulated weightlessness dependent on physical  
fitness state  
p0170 N78-22629

**ENDOCRINE SYSTEMS**  
Neuroendocrine responses in the rat and dog  
exposed to 2450 MHz (CW) microwaves  
[UK-3490-1080] p0168 N78-22609

Zero gravity and cardiovascular homeostasis. The  
relationship between endogenous  
hyperprolactinemia and plasma aldosterone  
[NASA-CR-151715] p0179 N78-22705

**ENDOLYMPH**  
Some findings on the inner ear after experimental  
obliteration of the endolymphatic duct and sac  
of guinea pigs  
p0300 A78-53396

The configuration of movement of the semicircular  
canal cupula  
p0144 N78-20750

Osmotic relationships between blood, cerebrospinal  
fluid and inner ear fluids  
p0181 N78-22714

**ENERGY ABSORPTION**  
NT ELECTROMAGNETIC ABSORPTION  
Change in average absorbed dose rate of a group of  
mice under repeated exposure to 915 MHz  
microwave radiation  
p0167 N78-22606

**ENERGY CONVERSION**  
NT BIOMASS ENERGY PRODUCTION  
NT SOLAR ENERGY CONVERSION  
Controlled cellular energy conversion in brown  
adipose tissue thermogenesis  
p0299 A78-52698

**ENERGY CONVERSION EFFICIENCY**  
Biophysics of photosynthesis  
p0303 A78-53848

**ENERGY DISTRIBUTION**  
Radiobiological effects at low doses. The role of  
spatial and temporal energy distribution  
p0173 N78-22654

**ENERGY EXCHANGE**  
U ENERGY TRANSFER  
**ENERGY REQUIREMENTS**  
Metabolic energy requirements during manned  
orbital Skylab missions  
p0029 A78-15198

**ENERGY SOURCES**  
Fermentation and hydrocarbons  
[LBL-7270] p0275 N78-30800

**ENERGY STORAGE**  
Physiologic regulation of body energy storage  
p0219 A78-42817

Mechanical energy storage device for hip  
disarticulation  
[NASA-CASE-ARC-10916-1] p0005 N78-10686

**ENERGY STORAGE DEVICES**  
U ENERGY STORAGE

**ENERGY TRANSFER**  
NT LINEAR ENERGY TRANSFER (LET)  
Biophysics of photosynthesis  
p0303 A78-53848

**ENGINE FAILURE**  
Trouble shooting pattern of emergency through  
instruments by jet-pilots. I  
p0001 A78-10194

**ENGINEERING DEVELOPMENT**  
U PRODUCT DEVELOPMENT

**ENGINES**  
NT HYDRAZINE ENGINES

**ENVIRONMENT EFFECTS**  
The effects of cockpit environment on long-term  
pilot performance  
p0003 A78-12450

Effect of prehatching weightlessness on adult fish  
behavior in dynamic environments  
p0139 A78-31841

Heat loss from the skin surface of the human body  
- Deductions from a symmetry of constant mean  
surface curvature  
p0201 A78-39748

Medical effects of environmental noise on humans  
p0240 A78-45506

Effects of aircraft noise on mental health  
p0240 A78-45507

Continuing studies of noise and cardiovascular  
function  
p0240 A78-45510

Radiological quality of the environment in the  
United States, 1977  
[PB-274229/4] p0114 N78-18710

Carbon monoxide  
[PB-274965/3] p0114 N78-18713

Research report on the physiological effects of  
air ions and their significance as environmental  
factors  
[NASA-TN-75086] p0123 N78-19752

Federal noise research in noise effects  
[PB-280335/1] p0284 N78-31733

**ENVIRONMENT MANAGEMENT**  
Man-environment studies: A review with an  
analysis of some techniques for the assessment  
of environmental perception  
[CSRS-SR-PERS-271] p0277 N78-30817

**ENVIRONMENT MODELS**  
Critical variables in adaptive motor skills training  
p0153 A78-32677

**ENVIRONMENT POLLUTION**  
NT AIR POLLUTION  
NT WATER POLLUTION

**ENVIRONMENT PROTECTION**  
Ride quality criteria --- transportation system  
interior and passenger response to environment  
p0158 A78-35664

Annoyance by aircraft noise and fear of overflying  
aircraft in relation to attitudes toward the  
environment and community  
p0196 A78-37535

Translations on USSR science and technology:  
Biomedical and behavioral sciences, no. 20  
[JPRS-70486] p0089 N78-16616

A literature review: Problem definition studies  
on selected toxic chemicals. Volume 6:  
Occupational health and safety and environmental  
aspects of urea-formaldehyde resins  
[AD-A054991] p0282 N78-31716

**ENVIRONMENT SIMULATION**  
NT ACOUSTIC SIMULATION  
NT ALTITUDE SIMULATION  
NT SPACE ENVIRONMENT SIMULATION

- NT WEIGHTLESSNESS SIMULATION**  
The use of a primate as an experimental model aboard Spacelab p0058 A78-20545  
Response of terrestrial microorganisms to a simulated Martian environment p0301 A78-53624
- ENVIRONMENTAL SIMULATORS**  
**NT SPACE SIMULATORS**  
A versatile electromagnetic environmental simulator --- for lightning generation p0048 A78-17530
- ENVIRONMENTAL CHAMBERS**  
**U TEST CHAMBERS**  
**ENVIRONMENTAL CONTROL**  
Optimization of the habitation environment p0021 A78-13577  
Hypoxia survival variations in male and female mice as functions of chronological and environmental factors p0265 A78-48082  
Spacelab life support and habitability systems - growth for extended mission durations [AIAA PAPER 78-1672] p0295 A78-51997  
Generalized environmental control and life support system computer program (G189A) configuration control, phase 2 p0046 A78-13747  
[NASA-CR-151567]  
Advanced instrumentation concepts for environmental control subsystems [NASA-CR-152100] p0250 A78-28807
- ENVIRONMENTAL QUALITY**  
**NT AIR QUALITY**  
**NT WATER QUALITY**  
Distinctive reactions of the body's immunological system to the combined effects of physical and chemical environmental factors p0186 A78-23727
- ENVIRONMENTAL TEMPERATURE**  
**U AMBIENT TEMPERATURE**  
**ENVIRONMENTAL TESTS**  
**NT COLD WEATHER TESTS**  
**NT UNDERWATER TESTS**  
**ENVIRONMENTS**  
**NT AEROSPACE ENVIRONMENTS**  
**NT HIGH ALTITUDE ENVIRONMENTS**  
**NT HIGH GRAVITY ENVIRONMENTS**  
**NT HIGH TEMPERATURE ENVIRONMENTS**  
**NT JUPITER ATMOSPHERE**  
**NT LOW TEMPERATURE ENVIRONMENTS**  
**NT MARINE ENVIRONMENTS**  
**NT MARS ATMOSPHERE**  
**NT MARS ENVIRONMENT**  
**NT MESOSPHERE**  
**NT PLANETARY ENVIRONMENTS**  
**NT ROTATING ENVIRONMENTS**  
**NT SPACECRAFT ENVIRONMENTS**  
**NT THERMAL ENVIRONMENTS**  
Females and hot environments [PB-273257/6] p0089 A78-16613
- ENZYMATIC ACTIVITY**  
**NT FERMENTATION**  
Reinforcement of ozone action in mice by additional environmental compounds p0024 A78-14194  
Physiological evaluation of pulmonary dilutional and enzymatic activity on blood-borne catecholamines in cardiocirculatory performance p0055 A78-19132  
Choline acetyltransferase activity in heart - Evidence for neuronal and not myocardial origin p0055 A78-19144  
Disruption of the deamination of monoamines and other nitrogenous compounds under conditions of stimulated peroxidation of endogenous lipids of brain tissue mitochondrial membranes p0056 A78-19885  
Effect of electrical stimulation of posterior hypothalamus structures on the acetylcholinesterase activity of the cortical motor zone in health and under the action of pharmacological agents p0080 A78-22073  
Tolerance and cross-tolerance using W02 and O2. I - Toxicology and biochemistry p0130 A78-29030  
Influence of a GABA transaminase inhibitor on central nervous system oxygen toxicity --- gamma-aminobutyric acid induced convulsions p0214 A78-41160
- Investigation of the activity of isocitrate dehydrogenase and malate dehydrogenase in tissues of rats with different resistance to acute hypoxic hypoxia p0237 A78-44092  
Comparison of ontogenetic differences in the activity of mediatory-exchange ferments /monoamine oxydase and glutamate decarboxylase/ in the mitochondrial fractions of the cortical and hypothalamic regions p0238 A78-44275  
Methionine transport in Halobacterium halobium vesicles - Noncompetitive, asymmetric inhibition by L-Cysteine p0267 A78-48579  
Changes of closely related enzymes and minerals to neuro-muscular systems of albino rats, during prolonged exposure to simulated hypogravics p0268 A78-48645  
Physiological studies of nitrogen fixation by blue-green algae p0039 A78-12647  
Parameters of acid-base equilibrium and enzymatic activity of blood in man during brief antihypothalamic hypokinesia p0110 A78-18687  
Lactate dehydrogenase isozymes of rat skeletal muscles following a space flight and with hypokinesia p0111 A78-18689  
The effect of electromagnetic fields on enzyme activity p0186 A78-23728  
Protective effects of 2-aminobenzimidazole during hyperbaric oxygenation, and state of cerebral nitrogen metabolism p0307 A78-32687
- ENZYMES**  
**NT CHOLINESTERASE**  
**NT LYSOZYME**  
**NT OXIDASE**  
**NT THROMBIN**  
Aminoacyl-tRNA synthetase families and their significance to the origin of the Genetic Code p0303 A78-53873  
Isozyme composition of lactate dehydrogenase of rat skeletal muscles after flight in Kosmos-690 biosatellite p0125 A78-19760  
The role of cell membranes in the regulation of lignification in pine cells [NASA-CR-157156] p0203 A78-24783
- EPIDEMIOLOGY**  
Epidemiologic investigation of occupation, age, and exposure in general aviation accidents p0018 A78-13274  
Does epidemic disease come from space --- Comet-borne microorganisms p0036 A78-16700  
Airport hygiene and epidemiology p0059 A78-20552  
The epidemic process as a function of solar activity p0163 A78-22568  
Microbiological quality and epidemiological aspects of reclaimed water p0207 A78-25749
- EPINEPHRINE**  
An analysis of electrodermal reflex activity --- using intravenous administration of epinephrine p0086 A78-16596  
Circadian changes in activity of the hypothalamus-hypophysis-adrenal system in animals differing in individual radio-sensitivity --- using epinephrine test p0175 A78-22676  
Experimental attempts to evoke a differential response to different stressors [AD-A054795] p0311 A78-32716
- EPHL**  
**U EFFECTIVE PERCEIVED NOISE LEVELS**  
**EPOCHS**  
**U TIME MEASUREMENT**  
**EPOXY COMPOUNDS**  
**NT ETHYLENE OXIDE**  
**EQUATIONS OF MOTION**  
Control of a flexible manipulator arm p0260 A78-47541

- Multi-rigid-body system dynamics with applications to human-body models and finite-segment cable models  
[AD-A052868] p0227 N78-26743
- EQUILIBRIUM**  
Influence of gravity and weightlessness on maturation of the equilibrium function p0171 N78-22639
- EQUIPMENT SPECIFICATIONS**  
Standard specification for safety belt assemblies, harnesses, and lap belts for use in motor vehicles [SABS-724-1977] p0205 N78-24796  
Development of biostereometric experiments --- stereometric camera system [NASA-CR-151726] p0208 N78-25759
- ERGOMETERS**  
Asymptomatic coronary double obstruction revealed in a 32-year-old pilot by exercise testing on a bicycle ergometer p0059 A78-20557  
Comparison of exercise responses of males and females during acute exposure to hypobaria p0102 A78-26738  
Ventilation and ergometric indices in young individuals afflicted with hypogonadism p0103 A78-27100  
Comparison of metabolic and ventilatory responses of men to various lifting tasks and bicycle ergometry p0235 A78-43789
- ERGONOMICS**  
U HUMAN FACTORS ENGINEERING
- ERROR ANALYSIS**  
Good and poor tracking performance manifest in error and eye movement phase planes p0033 A78-45583  
A model to quantify reliability of human performance in man-machine systems p0132 A78-29487  
Error-correcting mechanisms in large saccades p0212 A78-40580  
Human reliability engineering p0241 A78-46323  
Real-time compression of ECG data - Technical realization p0293 A78-51459
- ERROR CORRECTING CODES**  
Assessment of correction formula for echocardiographic estimations of left ventricular volumes p0155 A78-34084
- ERRORS**  
NT PILOT ERROR
- ERYTHROCYTES**  
Alterations in erythrocyte survival parameters in rats after 19.5 days aboard Cosmos 782 p0079 A78-21744  
Response of the iron-deficient erythrocyte in the rat to hyperoxia p0192 A78-36605  
Blood volume and body haematocrit of rats native to a simulated altitude of 3500 m p0215 A78-41214  
Participation of erythrocytes in blood coagulation and fibrinolysis in healthy man p0237 A78-44093  
Effect of dehydration on erythropoiesis in mice - Relevance to the 'anemia' of space flight p0242 A78-46414  
Variability of oxygen affinity of normal blood - An automated method of measurement p0259 A78-47209  
Some indices of oxygen exchange and resistance of rats to acute hypoxia during posttransfusion polycythemia p0302 A78-53788  
Analysis of iron content in individual human red blood cells by electron microprobe and scanning electron microscope p0011 N78-11683  
Electrolyte content of blood and potassium ion transport in erythrocytes of animals exposed to a steady magnetic field p0116 N78-18727
- ESA**  
U EUROPEAN SPACE AGENCY
- ESCAPE SYSTEMS**  
Acoustic evaluation of an aircraft canopy fracture emergency egress system
- ESCHERICHIA** p0141 A78-32136  
A special photoproduct in DNA, UV-irradiated in vacuo p0268 A78-48623  
Method and automated apparatus for detecting coliform organisms [NASA-CASE-MSC-16777-1] p0165 N78-22588  
The 70 S monosome accumulation and in vitro initiation complex formation by Escherichia coli ribosomes at 5 C [NASA-CR-157591] p0279 N78-31691
- ESRO**  
U EUROPEAN SPACE AGENCY
- ESTERS**  
NT GLYCERIDES  
NT LACTATES  
NT POLYCARBONATES
- ESTIMATES**  
Dependence of the estimation of human state on the personal characteristics of the estimator p0023 A78-13599
- ESTIMATING**  
The human operator simulator: Workload estimation using a simulated secondary task p0287 N78-31756
- ESTROGENS**  
Responses of articular and epiphyseal cartilage zones of developing avian radii to estrone treatment and a 2-G environment p0134 A78-29562  
Effects of fracture trauma, estrone treatment, and a 2-G environment on the epiphyseal cartilage zones of developing avian radii p0298 A78-52643
- ETHERS**  
Phytanyl-glycerol ethers and squalenes in the archaeobacterium Methanobacterium thermoautotrophicum p0260 A78-47892  
Occupational exposure to refined petroleum solvents. Criteria for a recommended standard [DHEW/PUB/NIOSH-77/192] p0204 N78-24790
- ETHYL ALCOHOL**  
Electrophysiologic properties of alcohol in man p0239 A78-45409  
Effect of alcohol and distraction task on the behavior of a person riding a bicycle simulator p0068 N78-15703  
The Use and Abuse of Social Drugs [AGARD-CP-218] p0094 N78-17658  
The need for drug and alcohol programs that are unique to military organizations p0094 N78-17659  
The UK approach to alcoholism in air crew p0094 N78-17661  
Diagnosis of Alcoholism: The Munich Alcoholism Test (MAT) p0094 N78-17662  
Influence of socially used drugs on vision and vision performance p0094 N78-17663  
Effects of ethanol on visual unit activity in the thalamus [AD-A050922] p0148 N78-21754
- ETHYLENE**  
NT VINYLIDENE  
ETHYLENE COMPOUNDS  
NT ETHYLENEDIAMINE  
ETHYLENE OXIDE  
Ethylene oxide sterilization - Monitors and residuals p0048 A78-17223
- ETHYLENEDIAMINE**  
Formation of nucleoside 5-prime-phosphoramidates under potentially prebiological conditions p0049 A78-17853
- EUCLIDEAN GEOMETRY**  
NT PROLATE SPHEROIDS
- EUROPEAN SPACE AGENCY**  
Choosing ESA's first astronaut p0240 A78-45885
- EUROPEAN SPACE PROGRAMS**  
Medical and psychological selection and training criteria for European SL-payload specialists [AAS PAPER 78-028] p0301 A78-53608  
Life sciences selected experiments for the first joint NASA/ESA Spacelab mission p0169 N78-22622

## EUROPEAN SPACE RESEARCH ORGANIZATION

## U EUROPEAN SPACE AGENCY

## EUTROPHICATION

Distribution of phytoplankton in Ohio lakes  
[PB-280140/5] p0776 N78-30804

## EVACUATING (TRANSPORTATION)

Clinical and physiological aspects of the  
evacuation of the wounded and the sick by air  
transport p0054 A78-18923

Systems analysis of an aeromedical evacuation  
mission p0140 A78-31847

## EVALUATION

## NT TRAINING EVALUATION

A procedure for the evaluation of physiological  
measurements [DLR-IB-552-77/9] p0062 N78-14780  
Human factors engineering. Part 1: Test procedures  
[AD-A051481] p0205 N78-24800  
Human factors engineering. Part 2: HEDGE  
[AD-A051482] p0205 N78-24801

## EVAPORATION

Possibility of retaining thermal balance of the  
human body in an extremely rarefied atmosphere  
by means of vacuum evaporation of perspiration  
from the body surface p0184 N78-23715

## EVAPORATION RATE

Instrumentation for the measurement of the  
evaporative and radiative heat loss rates from  
man in a normal working mode p0278 N78-30819

## EVOKED RESPONSE (PSYCHOPHYSIOLOGY)

Latency changes in the human visual evoked  
response to sinusoidal gratings p0025 A78-14416

Transient visually evoked potential --- in human  
visual cortex p0035 A78-16078

Steady-state evoked potentials --- in visual  
pathways p0035 A78-16079

Spatiotemporal mapping of scalp potentials  
p0035 A78-16080

An objective indicant of binocular vision in  
humans - Size-specific interocular suppression  
of visual evoked potentials p0055 A78-19224

Formation mechanism for rhythmic extended action  
potentials of peripheral nerves and muscles  
p0104 A78-27668

On the possibility of predicting the frequency of  
electrical stimulation which would cause the  
onset of the regular rhythm of extended action  
potentials p0105 A78-27712

The division of attention and the human auditory  
evoked potential p0105 A78-27748

Long-latency evoked potentials to irrelevant,  
deviant stimuli p0105 A78-27749

An experimental analysis of the multiplication of  
a slow wave of an evoked potential ---  
neurophysiology p0135 A78-30397

Pattern and movement detection in man and rabbit -  
Separation and comparison of occipital potentials  
p0155 A78-34334

Auditory evoked potentials elicited by tones and  
voice as the alarm signal p0191 A78-36328

Characteristics of pressor response during  
voluntary and induced contraction of skeletal  
muscles p0218 A78-42662

Evoked potential evidence of adaptation to spatial  
Fourier components in human vision p0236 A78-43923

Visual evoked responses to the upper and lower  
half-field stimulation in a dark-adapted man  
p0273 A78-50025

Further investigation of the spontaneous and  
evoked activity of the primary neurons of  
statoreceptors (and other receptors) of the  
labyrinth of the bullfrog before, during and  
after an extended period of weightlessness,  
including alternative intervals of artificial

## gravity

[NASA-CR-154507] p0005 N78-10684  
An investigation of the relationship of the evoked  
potential to various modes of visual stimulation  
p0005 N78-10689

The relationship between the acoustic reflex and  
loudness discomfort in normal and sensorineural  
ears p0085 N78-16590

Spectral analysis of auditory evoked potentials  
with pseudorandom noise excitation p0177 N78-22688

The frequency following response in humans  
p0252 N78-29734

Experimental attempts to evoke a differential  
response to different stressors [AD-A054795] p0311 N78-32716

## EVOLUTION (DEVELOPMENT)

## NT ABIOTIC GENESIS

## NT BIOLOGICAL EVOLUTION

## NT CHEMICAL EVOLUTION

## EXAMINATION

## NT EYE EXAMINATIONS

## EXCHANGING

## NT GAS EXCHANGE

## NT ION EXCHANGING

## EXCITATION

## NT MOLECULAR EXCITATION

Effects of exercise and excitement on mesenteric  
and renal dynamics in conscious, unrestrained  
baboons p0104 A78-27124

Excitability of neuromuscular system  
during orthostatic tests p0177 N78-22685

## EXCITED STATES

## U EXCITATION

## EXCRETION

Cortisol-mediated synchronization of circadian  
rhythm in urinary potassium excretion  
p0049 A78-17646

Increased urinary excretion of triiodothyronine  
/T3/ and thyroxine /T4/ and decreased serum  
thyrotropic hormone /TSH/ induced by motion  
sickness p0079 A78-21742

Effect of gamma radiation on intensity of ammonia  
excretion in albino rats p0117 N78-18735

## EXECUTIVE AIRCRAFT

## U GENERAL AVIATION AIRCRAFT

## U PASSENGER AIRCRAFT

## EXERCISE (PHYSIOLOGY)

## U PHYSICAL EXERCISE

## EXERTION

## U PHYSICAL WORK

## EXHAUST FLOW SIMULATION

## NT FLIGHT SIMULATION

## EXHAUSTION

Adaptation of circulation to exertion  
p0219 A78-42667

Metabolic characteristics of rapidly and slowly  
developing fatigue p0238 A78-44217

Intracellular pH and bicarbonate concentration in  
human muscle during recovery from exercise  
p0297 A78-52545

## BIOBIOLOGY

The Viking biological investigation - General  
aspects p0002 A78-11451

Life sciences and space research IV; Proceedings  
of the Open Meeting of the Working Group on  
Space Biology, Philadelphia, Pa., June 8-19, 1976  
p0027 A78-15177

Effect of sterilization on the scientific value of  
a returned Mars soil sample p0027 A78-15178

Evidence for propagation of aerobic bacteria in  
particles suspended in gaseous atmospheres ---  
Terrestrial microorganism contamination of  
Jupiter atmosphere p0027 A78-15181

Physiology of xerophytic micro-organisms growing  
under Martian conditions p0027 A78-15182

Anaerobic utilization of phosphite/phosphine as a  
sole source of phosphorus - Implication to  
growth in the Jovian environment



- Photochemical synthesis of organic compounds on Jupiter initiated by the photolysis of ammonia p0028 A78-15186
- Growth-rate periodicity of *Streptomyces levoris* during space flight p0028 A78-15187
- The prospect of astro-palaeontology --- search for Galactic extinct civilizations p0031 A78-15213
- Does epidemic disease come from space --- Comet-borne microorganisms p0036 A78-16231
- Is there extraterrestrial life p0036 A78-16700
- Results of biological experiments carried out by the Viking probes and the possible existence of life on Mars p0036 A78-16766
- Interstellar dust grains as possible cold germs of life p0134 A78-29662
- The Viking biological experiments on Mars p0137 A78-30840
- Current status of space medicine and exobiology p0201 A78-39746
- Growth of fungi in NaCl-MgSO<sub>4</sub> brines p0215 A78-41165
- A review of animal flight experiments p0268 A78-48653
- Physiological studies in space with nonhuman primates using the monkey pod p0009 N78-11664
- The Orbiting Primate Experiment (OPE) p0009 N78-11665
- Application and effectiveness of prophylactic devices in model experiments [NASA-TN-75074] p0009 N78-11666
- Publications of the space biology program for 1975-1977: A special bibliography [NASA-TN-79324] p0088 N78-16609
- Main stages and prospects of development of space biology and medicine p0092 N78-17647
- Experimental and general theoretical research p0110 N78-18680
- Space Biology and Aerospace Medicine, no. 4, 1977 [JPRS-69964] p0115 N78-18717
- Space Biology and Aerospace Medicine, No. 1, 1978 [JPRS-70753] p0117 N78-18738
- Translations on USSR science and technology: Biomedical and behavioral sciences [JPRS-70876] p0124 N78-19756
- Space biology and medicine p0143 N78-20742
- Radiobiological problems of exobiology p0143 N78-20743
- Physiological changes in space travel and the cellular membrane involvement p0173 N78-22657
- Space Biology and Aerospace Medicine, vol. 11, no. 6, 1977 p0174 N78-22661
- Space Biology and Aerospace Medicine, volume 12, no. 2 [JPRS-71096] p0174 N78-22668
- Before the long journey: Development of Soviet space biology and medicine [NASA-TN-75099] p0183 N78-23708
- Publications of the planetary biology program for 1976: A special bibliography [NASA-TN-75017] p0203 N78-24782
- Life beyond the earth p0210 N78-25773
- Space biology and aerospace medicine, no. 4 [JPRS-71830] p0305 N78-32136
- Histochemical study of digestive organs of rats involved in space flight on the Kosmos-690 satellite p0305 N78-32672
- EXPANDABLE STRUCTURES p0306 N78-32681
- NT INFLATABLE STRUCTURES
- EXPECTATION
- Sequential expectancy in visual search p0054 A78-18825
- EXPERIMENTAL DESIGN
- NT FACTORIAL DESIGN
- Review of exposure techniques and dosimetric methods employed in microwave bioeffects research
- The use of nonhuman primates in space [NASA-CP-005] p0048 A78-17583
- Veterinary medical considerations for the use of nonhuman primates in space research p0008 N78-11663
- The chimpanzee as a flight candidate --- for cardiovascular studies p0009 N78-11671
- The squirrel monkey as a candidate for space flight p0010 N78-11675
- The capuchin monkey as a flight candidate p0010 N78-11676
- The pig-tailed monkey (*Macaca nemestrina*) as a space-flight candidate --- for cardiovascular studies p0010 N78-11677
- Consideration of other primate species as flight animals p0010 N78-11678
- Design, analysis, and interpretation of screening studies for human factors engineering research [AD-A050361] p0010 N78-11679
- Methods of irradiating biological objects and results of dosimetry onboard the Kosmos-690 satellite p0147 N78-20774
- Design, analysis, and interpretation of screening studies for human factors engineering research, revision [AD-A056985] p0306 N78-32680
- EXPERIMENTATION
- Effect of seduxen on the course of experimental hypokinesia p0318 N78-33743
- Biological experiments on board Salyut-6 p0176 N78-22681
- EXPIRATION
- Maximum expiratory flow, diffusion and CO<sub>2</sub> elimination during liquid ventilation p0319 N78-34032
- EXPLORATION
- NT SPACE EXPLORATION
- EXPLOSIONS
- NT AERIAL EXPLOSIONS
- EXPLOSIVE DECOMPRESSION
- Explosive decompression of subjects up to a 20,000-m altitude using a two-pressure flying suit p0140 A78-31844
- Medical evaluation of 2-pressure suit used in explosive decompressions up to 20,000 m altitude [FOA-A-59002-H3] p0256 N78-29761
- EXPOSURE
- Patient doses resulting from an X-ray recording (belly survey picture). Influence of technical parameters on the dosage [IRI-190-77-01] p0114 N78-18709
- Effects of chronic exposure to carbon monoxide on biochemistry of human blood p0119 N78-18748
- Organism reactions to hypoxia following exposure to gamma radiation p0119 N78-18750
- Primary medium energy exposure standard: Comparison between ISS and BIPM p0145 N78-20761
- EXTINCTION
- On extraterrestrial causes of the earth's dynamic processes and extinction of life p0220 A78-42951
- EXTRACTION
- NT SOLVENT EXTRACTION
- EXTRAGALACTIC LIGHT
- U EXTRATERRESTRIAL RADIATION
- U LIGHT (VISIBLE RADIATION)
- EXTRATERRESTRIAL ENVIRONMENTS
- NT JUPITER ATMOSPHERE
- NT MARS ATMOSPHERE
- NT MARS ENVIRONMENT
- NT PLANETARY ENVIRONMENTS
- EXTRATERRESTRIAL LIFE
- Lander imaging as a detector of life on Mars p0002 A78-11437
- The Viking biological investigation - General aspects p0002 A78-11451
- The search for life on Mars p0003 A78-12418

# SUBJECT INDEX

# EYE MOVEMENTS

- The prospect of astro-palaeontology --- search for Galactic extinct civilizations p0036 A78-16231
- Is there extraterrestrial life p0036 A78-16766
- Results of biological experiments carried out by the Viking probes and the possible existence of life on Mars p0134 A78-29662
- Possibility of intelligent life elsewhere in the universe [GPO-98-185] p0063 N78-14791
- The search for extraterrestrial intelligence (SETI) [NASA-SP-419] p0122 N78-18771
- Radiobiological problems of exobiology p0173 N78-22657
- Search for life on Mars --- Viking Mars program p0182 N78-22734
- Life beyond the earth p0305 N78-32136
- EXTRATERRESTRIAL RADIATION**
- On extraterrestrial causes of the earth's dynamic processes and extinction of life p0220 A78-42951
- EXTRAVEHICULAR ACTIVITY**
- Manned maneuvering unit for Shuttle EVA p0034 A78-15632
- New dimensions for man --- human functions in future space missions [AIAA PAPER 78-325] p0084 A78-24019
- Outfitting for space --- extravehicular activity systems [AIAA PAPER 78-327] p0084 A78-24021
- Manned maneuvering unit - A space platform support system [AIAA PAPER 78-1663] p0295 A78-51990
- Design of high pressure oxygen filter for extravehicular activity life support system, volume 1 [NASA-CR-151571] p0062 N78-14786
- Development of a prototype regeneration carbon dioxide absorber --- for use in EVA conditions [NASA-CR-152063] p0147 N78-20773
- Checking effectiveness of prevention of high-altitude decompression disorders by means of prebreathing in an oxygen environment --- extravehicular activity p0184 N78-23713
- Evolution of the space suit p0280 N78-31695
- EXTRAVEHICULAR MOBILITY UNITS**
- NT ASTRONAUT LOCOMOTION
- NT ASTRONAUT MANEUVERING EQUIPMENT
- EXTREMELY LOW FREQUENCIES**
- Calcium binding in cerebral tissue p0168 N78-22612
- EXTROVERSION**
- The effect of extraversion/introversion on the consolidation processes related to the retention of verbal material p0025 A78-14499
- EYE (ANATOMY)**
- NT CORNEA
- NT FOVEA
- NT NYSTAGMUS
- NT OCULOMOTOR NERVES
- NT RETINA
- Aspheric curvatures for the human lens p0025 A78-14418
- Histological studies of eyeballs of experimental animals subjected to accelerations p0106 A78-28319
- Movements of the eyes --- Book p0266 A78-48506
- A procedure for the automated analysis of vestibular nystagmus p0291 A78-50750
- The origin of cataracts in the lens from infrared laser radiation [AD-A046165] p0061 N78-14779
- An automated system for evaluation of eye fatigue p0125 N78-19764
- Mathematical model of the vestibuloocular reflex p0165 N78-22584
- Effects of repeated microwave irradiations to the albino rabbit eye p0168 N78-22615
- Are microwave cataracts thermally caused? p0169 N78-22616
- Heat-invoked changes in ascorbic acid levels on the rabbit eye p0169 N78-22617
- Vision at low luminance levels in aviation p0248 N78-28795
- Glare and its adverse consequences in aviation p0248 N78-28796
- An experimental investigation of the effect of 1.06 micrometers laser light on the transparent ocular media [AD-A055650] p0282 N78-31719
- EYE DISEASES**
- NT CATARACTS**
- Problems raised by the discovery of a papillary edema in a pilot trainee p0060 A78-20560
- Ocular hazard from UV laser exhibiting self-mode-locking p0159 A78-35801
- The origin of cataracts in the lens from infrared laser radiation [AD-A046165] p0061 N78-14779
- EYE DOMINANCE**
- Heterophoria - Its influence on stereopsis and the importance of cycloplegia in refraction testing of pilot applicants p0158 A78-35113
- Changing fixation in the transverse plane at eye level and Hering's law of equal innervation p0211 A78-40577
- Binocular eye movements during accommodative vergence p0211 A78-40579
- EYE EXAMINATIONS**
- NT ELECTRONYSTAGMOGRAPHY**
- The contribution of electrophysiology p0249 N78-28799
- EYE MOVEMENTS**
- NT ELECTRONYSTAGMOGRAPHY**
- NT NYSTAGMUS**
- NT SACCADIC EYE MOVEMENTS**
- Good and poor tracking performance manifest in error and eye movement phase planes p0033 A78-15583
- A technique for the visual study of aircraft instrument panel utilization by the crew p0058 A78-20539
- Mechanism of bifixation in the act of binocular vision p0072 A78-21181
- Evaluating the role of sensory innervation of extraocular muscles in the habituation of vestibulo-oculomotor responses p0081 A78-22500
- Eye movements of monkeys during learning-set formation p0130 A78-28829
- The loss of position constancy during pursuit eye movements p0137 A78-30738
- Visual-vestibular interaction in the control of eye movement p0139 A78-31839
- Visual target acquisition and tracking performance using a helmet-mounted sight p0139 A78-31840
- Measurement of human vertical fusional response p0155 A78-34337
- State reversals of optically induced tilt and torsional eye movements p0156 A78-34681
- Changing fixation in the transverse plane at eye level and Hering's law of equal innervation p0211 A78-40577
- Pattern thresholds for moving and stationary gratings during smooth eye movement p0211 A78-40578
- Binocular eye movements during accommodative vergence p0211 A78-40579
- The effect of stimulus size on human cyclofusional response p0212 A78-40581
- Velocity matching during smooth pursuit of different targets on different backgrounds --- visual tracking p0212 A78-40584
- Linear model for visual-vestibular interaction p0214 A78-41161

Movement parallax - An asymptotic function of amplitude and velocity of head motion  
p0221 A78-43182

Nonadditivity of vergence and saccadic eye movement  
p0221 A78-43184

Perceptual effect of pursuit eye movements in the absence of a target  
p0236 A78-43924

Choice and analytic techniques involving indices of visual information input. I  
p0257 A78-46954

Movements of the eyes --- Book  
p0266 A78-48506

Egocentric orientation is influenced by trained voluntary cyclorotary eye movements  
p0294 A78-51856

Smooth eye tracking and the perception of motion in the absence of real movement  
p0294 A78-51951

The effect of luminance on human smooth pursuit of perifoveal and foveal targets  
p0295 A78-51952

Head and neck mobility of pilots measured at the eye [ARC-R/M-3803]  
p0062 N78-14781

Research on visual perception of complex and dynamic imagery [AD-A049127]  
p0124 N78-19753

Some problems in assessing oculomotor activity during information retrieval  
p0150 N78-21763

Dynamics of the eye and head during movement between displays: A qualitative and quantitative guide for designers [AD-A052753]  
p0208 N78-25763

Methodological considerations of visual workloads of helicopter pilots --- eye movement measurements  
p0286 N78-31747

**EYE PROTECTION**

Inaugural lecture at the School of Health Service Application for the Air Force --- aviation ophthalmology for reliable information retrieval in man/machine systems  
p0060 A78-20562

Laser protective eyewear --- goggles for reducing ocular hazards [AD-A044105]  
p0042 N78-12673

## F

**F-4 AIRCRAFT**  
Acceleration effects on the ability to activate emergency devices in F-4 aircraft [AD-A042281]  
p0015 N78-11715

**F-110 AIRCRAFT**  
U F-4 AIRCRAFT  
F-104 AIRCRAFT  
Endocrine-metabolic cost of piloting F-104 G aircraft --- flight stress effects  
p0091 N78-16629

**FABRY-PEROT LASERS**  
U LASERS

**FACE (ANATOMY)**  
NT NOSE (ANATOMY)  
Three-dimensional anthropometry of the adult face --- bioengineering for protective breathing equipment [AD-A054938]  
p0309 N78-32705

**FACTOR ANALYSIS**  
Application of factor analysis to electroencephalogram  
p0001 A78-10197

Factor analysis of changes in sleep in the cat following emotional stress  
p0100 A78-26608

Design, analysis, and interpretation of screening studies for human factors engineering research, revision [AD-A056985]  
p0318 N78-33743

**FACTORIAL DESIGN**  
Self-referent behavior as a function of leaderled groups  
p0089 N78-16617

**FAILURE**  
NT ENGINE FAILURE  
NT SYSTEM FAILURES  
**FAILURE ANALYSIS**  
Trouble shooting pattern of emergency through instruments by jet-pilots. I  
p0001 A78-10194

Detection by pilots of system failures during instrument landings  
p0049 A78-17740

Human problem solving performance in a fault diagnosis task  
p0153 A78-32673

A model of human decisionmaking in a fault diagnosis task  
p0195 A78-37130

Urine monitoring system failure analysis and operational verification test report [NASA-CR-151828]  
p0278 N78-30820

**FAIRCHILD MILITARY AIRCRAFT**  
**U MILITARY AIRCRAFT**  
**FAR ULTRAVIOLET RADIATION**  
Far UV irradiation of model prebiotic atmospheres  
p0056 A78-19367

**FARM CROPS**  
NT CORN  
NT POTATOES

**PAST NEUTRONS**  
Radiobiological aspects of high altitude flight: Relative biological effectiveness of fast neutrons in suppressing immune capacity to an infective agent [AD-A053204]  
p0230 N78-27756

Past neutron depth dose distributions in a heterogeneous phantom  
p0314 N78-33712

**FASTENERS**  
Helmet latching and attaching ring [NASA-CASE-IMS-04670]  
p0097 N78-17678

**FATIGUE (BIOLOGY)**  
NT AUDITORY FATIGUE  
NT FLIGHT FATIGUE  
NT MUSCULAR FATIGUE  
Differences in cardio-respiratory responses to exhaustive exercise between athletes and non-athletes  
p0201 A78-39747

Total and alactic oxygen debts after supramaximal work  
p0201 A78-39750

Adaptation of circulation to exertion  
p0219 A78-42667

Comparison of metabolic and ventilatory responses of men to various lifting tasks and bicycle ergometry  
p0235 A78-43789

Metabolic, cardiovascular, and respiratory factors in the development of fatigue in lifting tasks  
p0236 A78-43790

Metabolic characteristics of rapidly and slowly developing fatigue  
p0238 A78-44217

Metabolic structure of the recovery process following various physical stresses  
p0303 A78-53791

An investigation of possible correlations between individual pilot performance and neurological functions [AD-A045372]  
p0045 N78-13739

Effects of endurance training on left ventricular function in the dog: A cineangiographic study  
p0092 N78-17646

An automated system for evaluation of eye fatigue  
p0125 N78-19764

**FATIGUE (MATERIALS)**  
NT BENDING FATIGUE  
**FATIGUE LIFE**  
Analytical model of the fatigue characteristics of bone  
p0074 A78-21710

**FATS**  
NT CHOLINE  
Dietary fats and arterial thrombosis: Effects and mechanism of action  
p0180 N78-22711

**FATTY ACIDS**  
Fatty acid profile and cholesterol in skeletal muscle of trained and untrained men  
p0050 A78-18083

**FEAR**  
NT FEAR OF FLYING  
**FEAR OF FLYING**  
Behavior therapy and the treatment of flight phobia  
p0266 A78-48086

**FEDERAL REPUBLIC OF GERMANY**  
1 GERMANY

- FEED SYSTEMS**  
Technology advancement of the static feed water electrolysis process [NASA-CR-152073] p0126 N78-19772
- FEEDBACK**  
**NT NEGATIVE FEEDBACK**  
**NT SENSORY FEEDBACK**  
Individual differences during training in the case of alpha brain waves with biofeedback p0026 A78-14500  
Biofeedback and self-regulation in essential hypertension [AD-A046774] p0066 N78-15687
- FEEDBACK CONTROL**  
Muscular control of movements with one degree of freedom. I - Single movements p0034 A78-15996  
Biped stability considerations with vestibular models p0083 A78-23882  
Closed loop models for analyzing the effects of simulator characteristics --- pilot performance/workload prediction [AIAA 78-1592] p0291 A78-50667  
Time delays in flight simulators - Behavioral and engineering analyses [AIAA 78-1596] p0291 A78-50670  
Sweating response: A means of evaluating the set-point theory during exercise p0005 N78-10687  
Adaptation to delayed auditory feedback in temporal synchronization tasks as evidence for a feedback control process in human timing p0007 N78-10699  
A study of physiologically motivated mathematical models for human postural control p0040 N78-12655  
Prediction, evaluation, and specification of closed loop and multi-axis flying qualities [AD-A056983] p0317 N78-33736
- FEEL**  
**U SENSORY FEEDBACK**
- FEET (ANATOMY)**  
Drop foot corrective device [NASA-CASE-LAR-12259-1] p0121 N78-18762
- FEMALES**  
The orthogonal electrocardiogram in normal women - Implications of sex differences in diagnostic electrocardiography p0057 A78-20362  
Hypergravity - Its effect on the estrous cycle and hormonal levels in female rats p0270 A78-48722  
A comparison of exercise responses of males and females during acute exposure to hypobaria p0039 N78-12652  
Females and hot environments [PB-273257/6] p0089 N78-16613  
Urine collection device [NASA-CASE-MSC-16433-1] p0229 N78-27750  
The relationship of predevelopmental 150 training with noncompetitively selected air traffic control trainees to FAA Academy success [AD-A055009] p0312 N78-32722  
Pull force capabilities for parachute ripcord release [MEMO-33] p0312 N78-32723
- FEMUR**  
Femur-bending properties as influenced by gravity. III Sex-related weakness after 4-G mouse growth p0017 A78-13266
- FERMENTATION**  
Fermentation and hydrocarbons [LBL-7270] p0275 N78-30800
- FERMIONS**  
**NT FAST NEUTRONS**  
**NT PROTONS**
- FIBERS**  
**NT SYNTHETIC FIBERS**
- FIBRIN**  
Participation of erythrocytes in blood coagulation and fibrinolysis in healthy man p0237 A78-44093  
Blood fibrinolysis, coagulation and lactate in trained and untrained men at rest and after exercise p0065 N78-15677  
The influence of solar activity on the fibrinolytic system of the blood
- FIBRINOGEN** p0164 N78-22578  
Interfacial biophysics of materials in contact with blood [PB-277928/8] p0225 N78-26732
- FIBROBLASTS**  
**NT COLLAGENS**
- FIELD STRENGTH**  
**NT ELECTRIC FIELD STRENGTH**
- FIGHTER AIRCRAFT**  
**NT F-4 AIRCRAFT**  
**NT F-104 AIRCRAFT**  
Personality characteristics of pilots on EPPS, MP I and DOSEPU test. I p0191 A78-36327  
Development and validation of drive concepts for an advanced G-cuing system --- fighter/attack aircraft flying training simulators [AIAA 78-1571] p0289 A78-50652  
Development of the Advanced G Cuing System --- tactical flight simulators [AIAA 78-1572] p0289 A78-50653  
Platform motion for fighter simulations --- flight training simulators [AIAA 78-1574] p0290 A78-50655
- FILTERING**  
**U FILTRATION**
- FILTRATION**  
**NT SPATIAL FILTERING**  
Dynamic hyperfiltration membranes for high-temperature spacecraft wash water recycle [NASA-CR-151689] p0150 N78-21767  
The design and evaluation of multilayer ultrafiltration hemo-separating systems p0229 N78-27744
- FINE STRUCTURE**  
Fine morphology of the tectorial membrane - Fresh and developmental p0300 A78-53392  
Some findings on the inner ear after experimental obliteration of the endolymphatic duct and sac of guinea pigs p0300 A78-53396
- FINITE DIFFERENCE THEORY**  
Predictions of thermal transients and thermal damage resulting from laser irradiation of tissue p0199 A78-38787
- FINITE ELEMENT METHOD**  
Biodynamic finite element models used in brain injury research p0074 A78-21705  
Finite element dynamic structural model of the human thorax for chest impact response and injury studies p0074 A78-21706  
Systems identification scheme for the estimation of the linear viscoelastic properties of the intervertebral disc p0074 A78-21711  
A finite element head injury model. Computer program documentation [AD-A043582] p0012 N78-11693  
A finite element head injury model. Volume 1: Theory, development, and results [AD-A043605] p0012 N78-11694  
A finite element technique for calculating induced internal fields and power deposition in biological media of complex irregular geometry exposed to plane wave electromagnetic radiation p0167 N78-22604
- FIRE DAMAGE**  
Effect of carbon monoxide and nitrogen dioxide on ICR mice p0081 A78-22494  
Studies with the USP/NASA toxicity screening test method - Oxygen concentrations with various test conditions p0081 A78-22496  
Aircrew and passenger protective breathing equipment studies [AD-A051002] p0150 N78-21768
- FIRE FIGHTING**  
A model of human behavior in a fire emergency [PB-277773/8] p0226 N78-26738
- FIREPROOFING**  
Protective clothing. Part 2: Fire and radiation environments. A bibliography with abstracts [NTIS/PS-78/0372/9] p0250 N78-28813

## FIRES

A model of human behavior in a fire emergency  
[PB-277773/8] p0226 N78-26738

## FIRST AID

Results of using an 'emergency medical aid box' on  
Air France Boeing 747 aircraft during 1975 p0139 A78-31806  
Laboratory comparison of techniques for rewarming  
hypothermic casualties p0157 A78-35105

## FISH

## U FISHES

## FISHES

Effect of prehatching weightlessness on adult fish  
behavior in dynamic environments p0139 A78-31841

Locomotor behavior of fish hatched from embryos  
exposed to flight conditions p0122 N78-19742  
[NASA-CR-151633]

Behavior, ecology and toxicity of venomous marine  
fishes p0279 N78-31692  
[AD-A054925]

## FISSION PRODUCTS

Biological significance of nuclear fission product  
radionuclides p0220 A78-42899

## FITNESS

## NT FLIGHT FITNESS

## NT PHYSICAL FITNESS

## FLAME INTERACTION

## U CHEMICAL REACTIONS

## FLAME RETARDANTS

On the toxicity of fire-resistant materials -  
Methods of study p0019 A78-13506

Development of a fire protective overgarment for  
use by air carrier flight attendants p0013 N78-11703  
[AD-A042329/3]

## FLAMMABILITY

Hazards of organic working fluids  
[BNL-50761] p0283 N78-31725

## FLAP CONTROL

## U AIRCRAFT CONTROL

## FLASH BLINDNESS

Psychophysiological distinctions of pilot  
performance during brief exposure to intensive  
photic stimuli p0306 N78-32678

## FLICKER

The apparent rate of flicker  
[NKK-LAB5-NOTE-219] p0254 N78-29748

## FLICKER FUSION FREQUENCY

## U CRITICAL FLICKER FUSION

## FLIGHT

Survey of pilots' attitudes and opinions about  
drinking and flying p0101 A78-26734

## FLIGHT ALTITUDE

Psychophysiological characteristics of pilot  
activity during low-altitude flights over the sea p0266 A78-48410  
Visual workload of the copilot/navigator during  
terrain flight --- of the UH-1 helicopter p0090 N78-16623

## FLIGHT CHARACTERISTICS

Subjective ratings of flying qualities and pilot  
workload in the operation of a short haul jet  
transport aircraft --- Yak 40 aircraft p0091 N78-16631

## FLIGHT CLOTHING

Evaluating experiments of heat insulation of life  
raft by dummy and human body p0001 A78-10195

Effect of clothing insulation beneath an immersion  
coverall on the rate of body cooling in cold water p0133 A78-29560

Operational characteristics of liquid-conditioned  
suits p0242 A78-46415

Analysis of flight clothing effects on aircrew  
station geometry p0063 N78-14789  
[AD-A046260]

A personal cooling system for helicopter pilots  
[AD-A047649] p0121 N78-18767

## FLIGHT CONDITIONS

A review of human factors engineering studies at  
Aeromedical Laboratory p0293 A78-51498

## FLIGHT CONTROL

## NT AUTOMATIC FLIGHT CONTROL

Study of a new pilotage control p0058 A78-20548

Accurately reproducing pilot's control forces in a  
flight simulator p0290 A78-50663  
[AIAA 78-1585]

An investigation of possible correlations between  
individual pilot performance and Neurological  
functions p0045 N78-13739  
[AD-A045372]

Principles of engineering psychology involved in  
optimizing control systems of aircraft and  
spacecraft --- avionics, display devices and  
psychological factors p0183 N78-23709  
[AD-A053240]

Spatial disorientation in general aviation accidents  
[AD-A053240] p0230 N78-27755

## FLIGHT CREWS

## NT SPACECREWS

Human engineering data for aircraft design. III -  
Aircrew station vision requirement for military  
aircraft p0001 A78-10199

Problems in maintaining the alertness of air force  
personnel - The organization of work schedules  
during long-distance flights p0020 A78-13514

Techniques for monitoring on-ground and in-flight  
alertness levels p0020 A78-13516

Behavior and the mind --- psychological factors  
influencing military pilot performance p0020 A78-13518

Means for optimization of group interaction under  
conditions of prolonged isolation p0022 A78-13594

Problems and prospects for aviation psychology  
p0050 A78-18501

Latent sickle cell anemia and commercial airline  
personnel p0057 A78-20536

A study of aircraft cabin environment during long  
range flight p0057 A78-20537

A study of humoral immunity - /Immunoglobulines  
IgA, IgG, and IgM/ in the navigation personnel  
of a civil aviation society as a function of age  
and the frequency of certain vaccinations p0059 A78-20551

Current vaccination regulations for civil aviation  
navigation personnel p0059 A78-20554

TNO test and dyschromatopsias --- normal  
intraocular tension test for flight personnel p0060 A78-20559

Optimization of crew performance in future  
aircraft and weapon systems - Experimental  
methods of objective measurement p0060 A78-20563

Presentations on aerospace medicine at Bourget ---  
Conference summary on medical factors involved  
in flying Concorde p0132 A78-29300

Inflight measurement of pilot workload - A panel  
discussion p0161 A78-36158

Detection of initial stages of overstrain in  
aircrew members p0199 A78-39198

Functional state of external respiration in  
flight-crew members with compensated  
atherosclerotic cardiovascular p0200 A78-39199

Disturbances of fat metabolism in flight crew  
personnel p0220 A78-42900

Contribution to the diagnosis of painless ischemic  
cardiopathy in flight personnel p0257 A78-46957

Heat transfer principles in personal protection  
applications p0292 A78-51222

Bleeding duodenal ulcer and the flier p0299 A78-52646

Psychological aptitude test of aviation personnel  
from Malawi p0013 N78-11699  
[DLR-IB-355-75/03]

## SUBJECT INDEX

## FLIGHT SAFETY

- Development of a fire protective overgarment for use by air carrier flight attendants [AD-A042329/3] p0013 N78-11703
- Psychological selection of application for flight mechanic training [DLR-IB-355-77/03] p0062 N78-14783
- Inflatable body and head restraint [AD-A046477] p0068 N78-15702
- Aircrew fatigue in nonstop, transoceanic tactical deployments p0091 N78-16628
- The UK approach to alcoholism in air crew p0094 N78-17661
- Aircrew and passenger protective breathing equipment studies [AD-A051002] p0150 N78-21768
- Image of flight article discussed --- spatial orientation perception by flight crews flight training p0182 N78-22732
- The electroencephalogram in aircrew selection and aviation medicine: A survey of literature [CSIR-SF-PERS-268] p0207 N78-25756
- Comparative anthropometry of air standardization coordinating committee personnel for equipment design: Helmets [AD-A052893] p0209 N78-25771
- Cardiovascular, renal and respiratory effects of high intensity, intermediate duration, low frequency vibration [AD-A050158] p0247 N78-28784
- The F/PB-111 escape injury mechanism assessment [AD-A052337] p0248 N78-28789
- Fifth Advanced Operational Aviation Medicine Course [AGARD-B-666] p0248 N78-28793
- Auditory information of flying personnel: Anatomical and physiological basis p0249 N78-28800
- Aviator hearing loss p0249 N78-28801
- Nose pathology of flying personnel p0249 N78-28804
- Practical problems raised by Oto-rhino-laryngology standards p0249 N78-28805
- Protective clothing. Part 3: Survival, aircraft, and combat environments. A bibliography with abstracts [NTIS/PS-78/0373/7] p0251 N78-28814
- Molecular sieve generation of aviator's oxygen: Breathing gas composition as a function of flow, inlet pressure, and cabin altitude [AD-A054240] p0278 N78-30822
- Preliminary analysis of available inflight respiratory data [AD-A054241] p0278 N78-30823
- Reliability test report. Modular cryogenic generator [AD-A054855] p0278 N78-30825
- Methods to assess work load [AGARD-CP-216] p0286 N78-31745
- Is man the weakest link? --- real time activity recording of aircrew workloads p0286 N78-31746
- Operator workload assessment model: An evaluation of a VF/VA-V/STOL system p0288 N78-31757
- Mathematical analysis and computer simulation in military mission workload assessment p0288 N78-31758
- Air Force aircrew training devices: Master plan [AD-A056940] p0317 N78-33734
- FLIGHT FATIGUE**
- Study of a new pilotage control p0058 A78-20548
- Workload and operational fatigue in helicopter pilots p0102 A78-26741
- Detection of initial stages of overstrain in aircrew members p0199 A78-39198
- Sensory deprivation as a problem of prolonged space flights p0259 A78-47484
- Workload and fatigue-in-flight EEG changes p0298 A78-52640
- Workload and operational fatigue in helicopter pilots p0090 N78-16622
- The assessment of rotary wing aviator precision performance during extended helicopter flights p0090 N78-16625
- Aircrew fatigue in nonstop, transoceanic tactical deployments p0091 N78-16628
- Methods of studying inflight pilot performance p0124 N78-19757
- Physiological parameters associated with extended helicopter flight missions: An assessment of pupillographic data [AD-A052771] p0250 N78-28810
- FLIGHT FITNESS**
- Latent sickle cell anemia and commercial airline personnel p0057 A78-20536
- Monocular peripheral vision as a factor in flight safety p0157 A78-35106
- The cardiovascular fitness of airline pilots - Report of a working party of the Cardiology Committee of the Royal College of Physicians of London p0159 A78-35850
- Disturbances of fat metabolism in flight crew personnel p0220 A78-42900
- The analysis of aviation training evaluations. V - Factor analysis of flight aptitude test and comparison with the previous report p0238 A78-44349
- Methods to assess pilot workload and other temporal indicators of pilot performance effectiveness --- during aircraft carrier landings p0091 N78-16630
- FLIGHT HAZARDS**
- The ozone problem associated with technical and health considerations in aviation p0057 A78-20293
- Influence of optical defects on the cockpit canopy glass on the spatial orientation of a pilot during flight p0103 A78-27099
- The visual risk of ethambutol treatment - Aeronautical incidences p0132 A78-29296
- Cosmic radiation exposure in subsonic air transport p0140 A78-31845
- FLIGHT INSTRUMENTS**
- Image of flight article discussed --- spatial orientation perception by flight crews flight training p0182 N78-22732
- Influence of location of indicators on psychophysiological distinctions of combined activity --- positioning display devices and flight instruments p0184 N78-23716
- Requirements for goggles used in training to fly instruments [IZP-1977-4] p0206 N78-24805
- FLIGHT OPERATIONS**
- Man-machine interface analysis of the flight design system [NASA-CR-151812] p0255 N78-29754
- FLIGHT PATHS**
- NT GLIDE PATHS**
- Simulator study for the determination of the demands upon the pilot in the case of unconventional, spatially curved approach profiles --- German thesis p0273 A78-49406
- FLIGHT PERFORMANCE**
- U FLIGHT CHARACTERISTICS**
- FLIGHT RECORDERS**
- Preliminary design of an accident Information Retrieval System (AIRS) [AD-A055590] N78-31952
- FLIGHT RULES**
- NT INSTRUMENT FLIGHT RULES**
- NT VISUAL FLIGHT RULES**
- FLIGHT SAFETY**
- Hypertension in the civilian flying population - Significant or not p0080 A78-21748
- Explosive decompression of subjects up to a 20,000-m altitude using a two-pressure flying suit p0140 A78-31844

- Aviation ergonomics: Probability methods ---  
Russian book p0243 A78-46573
- Spatial disorientation in general aviation accidents p0265 A78-48081
- Reviews on research and development with respect  
to the life support equipments in JASDF and its  
perspectives p0293 A78-51499
- U.S. fatal general aviation accidents due to  
cardiovascular incapacitation: 1974-75 p0298 A78-52644
- Human factors in flight safety  
[DIR-IB-355-75/02] p0016 N78-11722
- Provisions for radiation safety of the crew of the  
second expedition on Salyut-4 p0124 N78-19758
- FLIGHT SIMULATION**
- Shadow method of simulating the visual conditions  
for flight simulators and pilot trainers p0056 A78-19734
- The concepts of a proficiency advancement model  
for basic flight training programs p0220 A78-43040
- Simulator evaluation of three situation and  
guidance displays for V/STOL aircraft zero-zero  
landing approaches p0238 A78-44131
- Research in pilot scanning behavior p0239 A78-45438
- Flight Simulation Technologies Conference,  
Arlington, Tex., September 18-20, 1978,  
Technical Papers p0289 A78-50651
- Platform motion for fighter simulations --- flight  
training simulators p0290 A78-50655
- [AIAA 78-1574]
- Verification of workload - A job for simulation  
--- pilot performance p0290 A78-50664
- [AIAA 78-1586]
- Two methods for the investigation of visual  
positional perception on the basis of  
synthetically produced representations for  
visual flight simulation --- German thesis p0296 A78-52497
- Perceived orientation of a runway model in  
nonpilots during simulated night approaches to  
landing p0041 N78-12668
- [AD-A044553]
- Buffet simulation for advanced simulator for pilot  
training ASPT p0096 N78-17673
- [AD-A040550]
- A pilot evaluation of two G-seat cueing schemes  
[NASA-TP-1255] p0285 N78-31739
- Prediction, evaluation, and specification of  
closed loop and multi-axis flying qualities p0317 N78-33736
- [AD-A056983]
- Program documentation for the terrain and flight  
dynamics program --- computer graphics for  
flight simulation p0318 N78-33742
- [AD-A056116]
- FLIGHT SIMULATORS**
- NT COCKPIT SIMULATORS**
- Airline pilot scanning behavior during approaches  
and landing in a Boeing 737 simulator p0054 A78-18798
- Simulator study for the determination of the  
demands upon the pilot in the case of  
unconventional, spatially curved approach profiles  
--- German thesis p0273 A78-49406
- Development of the Advanced G Cueing System ---  
tactical flight simulators p0289 A78-50653
- [AIAA 78-1572]
- The effect of helmet loader G-cueing on pilot's  
simulator performance p0290 A78-50654
- [AIAA 78-1573]
- Optimal control theory applied to the design of  
cue shaping filters for motion-base simulators p0290 A78-50656
- [AIAA 78-1575]
- Motion - Methods and requirements --- flight  
training simulators p0290 A78-50657
- [AIAA 78-1576]
- Depth perception and motion cues via textured scenes  
--- in flight simulators p0290 A78-50658
- [AIAA 78-1577]
- Accurately reproducing pilot's control forces in a  
flight simulator p0290 A78-50663
- [AIAA 78-1585]
- Computer implemented grading of flight simulator  
students p0291 A78-50665
- [AIAA 78-1589]
- Closed loop models for analyzing the effects of  
simulator characteristics --- pilot  
performance/workload prediction p0291 A78-50667
- [AIAA 78-1592]
- A model for the pilot's use of motion cues in  
steady-state roll-axis tracking tasks p0291 A78-50668
- [AIAA 78-1593]
- Time delays in flight simulators - Behavioral and  
engineering analyses p0291 A78-50670
- [AIAA 78-1596]
- Vestibular-visual interactions in flight simulators  
[NASA-CR-155204] p0006 N78-10692
- The effect of a visual/motion display mismatch in  
a single axis compensatory tracking task p0007 N78-10701
- [NASA-CR-2921]
- An assessment of the role of simulators in  
military tactical flight training. Volume 2:  
Assessment based on literature survey p0096 N78-17672
- [AD-A040607]
- Instructor and student pilots' subjective  
evaluation of a general aviation simulator with  
a terrain visual system p0189 N78-23746
- [NASA-TN-78698]
- A seat cushion to provide realistic acceleration  
cues for aircraft simulator pilots p0278 N78-30821
- [NASA-CASE-LAR-12149-2]
- US Navy fleet aviation training program development  
[AD-A055788] p0284 N78-31734
- Area of interest/field-of-view research using ASPT  
--- flight helmets for pilot and gunnery trainers p0311 N78-32718
- [AD-A055692]
- Effects of platform motion, visual and G-seat  
factors upon experienced pilot performance, in  
the flight simulator p0318 N78-33739
- [AD-A055691]
- G-seat component development p0318 N78-33740
- [AD-A055533]
- Emulation of an advanced G-seat on the advanced  
simulator for pilot training p0318 N78-33741
- [AD-A055532]
- FLIGHT STRESS**
- Stress and workload in pilots p0140 A78-31846
- Evaluation method of mental workload under flight  
conditions --- relationship to heart rate  
variability p0215 A78-41168
- Methods of studying inflight pilot performance p0124 N78-19757
- Metabolic and cardiovascular adaptation, monkey.  
NASA SMD 3, project 76, experiment 44 conducted  
at NASA/JSC, 14-25 May 1977 p0203 N78-24784
- [NASA-CR-157159]
- Use of Inspiratory Minute Volumes in evaluation of  
rotary and fixed wing pilot workload ---  
respiratory response to flight conditions p0287 N78-31754
- FLIGHT STRESS (BIOLOGY)**
- NT SPACE FLIGHT STRESS**
- The effects of cockpit environment on long-term  
pilot performance p0003 A78-12450
- Catecholamine excretion in helicopter pilots p0019 A78-13507
- Medical evaluation of G-sensitive aircrewmembers p0242 A78-44416
- Method of animal training for biosatellite p0258 A78-47110
- Information processing under emotionally saturated  
conditions of activity p0261 A78-47957
- Task-specific simulator pretraining and in-flight  
stress of student pilots p0265 A78-48085
- Behavior therapy and the treatment of flight phobia p0266 A78-48086
- Altitude tolerance of general aviation pilots with  
normal or partially impaired spirometric function p0266 A78-48088
- Workload and operational fatigue in helicopter  
pilots p0090 N78-16622
- Endocrine-metabolic cost of piloting F-104 G  
aircraft --- flight stress effects p0091 N78-16629

# SUBJECT INDEX

# FLUORESCENCE

- Subjective stress assessment as a criterion for measuring the psychophysical workload on pilots  
p0091 N78-16632
- Heterophilic antibodies and complement activity of rat blood serum after flight in Kosmos-605 satellite  
p0116 N78-18731
- Assessing pilot workload  
[AGARD-AG-233] p0122 N78-18770
- Pilot retraining aimed at stress reduction --- in Soviet combat aircraft  
p0143 N78-20744
- FLIGHT TECHNICAL ERROR**  
**U PILOT ERROR**
- FLIGHT TESTS**  
**NT ORBITAL FLIGHT TESTS (SHUTTLE)**  
A study of aircraft cabin environment during long range flight  
p0057 A78-20537
- Measurement of forces on aircraft rudders  
[ONERA, TP NO. 1978-34] p0216 A78-41419
- Comparison between flight test data and data from a theoretical model for the discovery of a ground target from the air  
[FOA-C-56010-H9 (H6)] p0255 N78-29751
- FLIGHT TRAINING**  
**NT SPACE FLIGHT TRAINING**  
Manipulating the conditions of training in time-sharing performance --- for compensatory tracking and keyboard digit processing tasks  
p0054 A78-18824
- A technique of rapid acclimatization of humans to cold  
p0132 A78-29297
- Use of EEG in selecting candidates for flight schools  
p0235 A78-43698
- Disorientation training in FAA-certificated flight and ground schools - A survey  
p0241 A78-46406
- Computer implemented grading of flight simulator students  
[AIAA 78-1589] p0291 A78-50665
- A unique approach to aerial refueling simulation for training boom operators  
[AIAA 78-1591] p0291 A78-50666
- Autogenic training in a practical course of summer instruction of student pilots  
p0296 A78-52275
- General aviation pilot stall awareness training study  
[AD-A041310/4] p0008 N78-10705
- Investigation of personality characteristics of flight trainees and professional pilots  
[DLR-IB-355-76/03] p0046 N78-13743
- An assessment of the role of simulators in military tactical flight training. Volume 2: Assessment based on literature survey  
[AD-A040607] p0096 N78-17672
- Disorientation training in FAA-certificated flight and ground schools: A survey  
[AD-A047718/2] p0126 N78-19768
- Evaluation of the transfer and cost effectiveness of a complex computer-assisted flight procedure trainer  
[AD-A050413] p0150 N78-21764
- Visual-proprioceptive cue conflicts in the control of remotely piloted vehicles  
[AD-A049706] p0151 N78-21770
- Human performance in aviation systems  
[AD-A050078] p0151 N78-21771
- Verbal prescriptive rules in cognitive pretraining for the vertical S-A training maneuver  
[AD-A050971] p0254 N78-29749
- Measuring pilot proficiency on an instrument training maneuver  
[AD-A050972] p0255 N78-29755
- US Navy fleet aviation training program development  
[AD-A055788] p0284 N78-31734
- Area of interest/field-of-view research using ASPT --- flight helmets for pilot and gunnery trainers  
[AD-A055692] p0311 N78-32718
- Air Force aircrew training devices: Master plan  
[AD-A056940] p0317 N78-33734
- FLIR DETECTORS**  
A study on pilot's workload in helicopter operation under simulated IMC employing a forward looking sensor  
p0091 N78-16627
- Flight performance and pilot workload in helicopter flight under simulated IMC employing a forward looking sensor  
p0223 N78-26055
- FLOCCULATING**  
Virus concentration by hollow fiber membranes: Where to now?  
p0206 N78-25746
- FLORA**  
**U PLANTS (BOTANY)**  
**FLORIDA**  
Automated tracking of the Florida manatee (Trichechus manatus)  
[NASA-CR-157040] p0207 N78-25752
- FLOW CHARACTERISTICS**  
**NT FLOW VELOCITY**  
Factors determining maximal expiratory flows in the human lung  
p0281 N78-31711
- FLOW MEASUREMENT**  
Bloodflow measurement by means of a multigate ultrasonic Doppler device --- German book  
p0053 A78-18744
- FLOW RATE**  
**U FLOW VELOCITY**  
**FLOW VELOCITY**  
Blood flow speed in microvessels of skeletal muscle  
p0241 A78-45987
- Transcutaneous measurement of volume blood flow  
[NASA-CR-155233] p0012 N78-11691
- FLOWMETERS**  
**NT RHEOMETERS**  
Comparison of several G-tolerance measuring methods at various seatback angles  
p0101 A78-26732
- Totally implantable bidirectional pulsed Doppler blood flow telemetry: Integrated timer-exciter circuitry and Doppler frequency estimation  
p0093 N78-17650
- Solid-state ultrasonic catheter-tip flowmeter  
[AD-A050963] p0253 N78-29740
- FLUID DYNAMICS**  
**NT HYDRODYNAMICS**  
**FLUID FILTERS**  
**NT AIR FILTERS**  
Design of high pressure oxygen filter for extravehicular activity life support system, volume 1  
[NASA-CR-151571] p0062 N78-14786
- Design of high pressure oxygen filter for extravehicular activity life support system. Volume 2: Test data  
[NASA-CR-151572] p0063 N78-14787
- Rapid, quantitative determination of bacteria in water  
[NASA-CASE-GSC-12158-1] p0165 N78-22585
- Fluid sample collection and distribution system  
[NASA-CASE-MSC-16841-1] p0166 N78-22590
- Virus concentration by hollow fiber membranes: Where to now?  
p0206 N78-25746
- FLUID FLOW**  
**NT AIR FLOW**  
**NT BLOOD FLOW**  
**NT CAPILLARY FLOW**  
**NT CHANNEL FLOW**  
**NT OSCILLATING FLOW**  
**NT THREE DIMENSIONAL FLOW**  
**NT TURBULENT FLOW**  
**NT TWO DIMENSIONAL FLOW**  
Pressure measurements of the wall after bifurcations and visual observation of streaming fluid in glass models of bifurcations  
p0179 N78-22699
- FLUID MECHANICS**  
**NT HYDRODYNAMICS**  
On some fluid mechanical solutions for long term extracorporeal oxygenators  
p0055 A78-19033
- FLUIDICS**  
An evaluation of the fluidic oxygen partial pressure sensor  
[AD-A055362] p0286 N78-31743
- FLUORESCENCE**  
Illumination-dependent changes in the intrinsic fluorescence of bacteriorhodopsin  
p0267 A78-48578
- Spectrophotofluorometric and electron microscopic study of Lipofuscin accumulation in the testis



- of aging mice p0267 A78-48581
- FLUORESCENT EMISSION**
- U FLUORESCENCE
- FLUORINE COMPOUNDS**
- NT FLUOROCARBONS
- FLUORINE ORGANIC COMPOUNDS**
- NT FLUOROCARBONS
- FLUORO COMPOUNDS**
- NT FLUOROCARBONS
- FLUOROCARBONS**
- Synthesis and biological screening of novel hybrid fluorocarbon hydrocarbon compounds for use as artificial blood substitutes [NASA-CR-155781] p0112 N78-18702
- Occupational exposure to decomposition products of fluorocarbon polymers. Criteria for a recommended standard [DHEW/PUB/NIOSH-77/193] p0204 N78-24788
- FLUX DENSITY**
- NT LUMINANCE
- NT LUMINOUS INTENSITY
- NT SOUND INTENSITY
- FLUX MAPPING**
- U MAPPING
- FLUXMETERS**
- U MAGNETIC MEASUREMENT
- U MEASURING INSTRUMENTS
- FLYING**
- U FLIGHT
- FLYING PERSONNEL**
- NT AIRCRAFT PILOTS
- NT ASTRONAUTS
- NT COSMONAUTS
- NT FLIGHT CREWS
- NT PILOTS (PERSONNEL)
- NT SPACECREWS
- NT TEST PILOTS
- The place of psychology and psychiatry in the medical evaluation of navigation personnel in civil aviation - Methodological and practical aspects p0058 A78-20546
- Psychotherapy and chemotherapy in aeronautical psychopathology p0058 A78-20547
- Alpha-2-macroglobulin dosage, protamine test, and vascular-risk factors detected in civilian and military flight personnel p0059 A78-20555
- Response of the skeletal system to helicopter-unique vibration p0076 A78-21721
- Neuromuscular hyperexcitability and occupational selection p0139 A78-31802
- Role of the physician in decisions concerning overseas transfers in an airline company p0139 A78-31805
- Use of EEG in selecting candidates for flight schools p0235 A78-43698
- Psychological selection of applicants for a flying career [DLR-IB-355-76/02] p0045 N78-13742
- Comparative study of regulations on standards of medical fitness for flying duties in nine air forces covering seven NATO countries [AGARD-AG-213 (ENG)] p0066 N78-15688
- Significance of the percussion symptom in detection of peptic ulcers in flight personnel p0111 N78-18693
- GOI anomaloscopes used to set standards for color vision of flight personnel p0307 N78-32688
- FLYING QUALITIES**
- U FLIGHT CHARACTERISTICS
- FOOD INTAKE**
- Food and oxygen requirements for growing mice and turtles after hypergravitational development p0030 A78-15204
- Gravitational influences upon the maintenance requirements of rabbits p0030 A78-15205
- Body mass, composition, and food intake in rabbits during altered acceleration fields p0235 A78-43788
- Effects of exercise, altitude, and food on blood hormone and metabolite levels
- FORCE DISTRIBUTION** p0296 A78-52538
- Development of a single-unit, multioutput sensing element in a force platform for use in biomechanics applications p0228 N78-27742
- FOREARM**
- Aerodynamic forces exerted on an articulated human body subjected to windblast p0075 A78-21713
- Personalized, electro-kinematic, neuromuscular model of a human forearm p0077 A78-21726
- Aerodynamic forces exerted on an articulated body subjected to windblast [AD-A044217] p0041 N78-12662
- FORECASTING**
- NT PERFORMANCE PREDICTION
- NT PREDICTION ANALYSIS TECHNIQUES
- FORENSIC SCIENCES**
- U LAW (JURISPRUDENCE)
- FORM PERCEPTION**
- U SPACE PERCEPTION
- FORWARD LOOKING INFRARED DETECTORS**
- U FLIR DETECTORS
- FOSSIL FUELS**
- NT CRUDE OIL
- Health and safety impacts of nuclear, geothermal, and fossil-fuel electric generation in California. Volume 2: Radiological health and related standards for nuclear power plants [LBL-5285-VOL-2] p0146 N78-20769
- FOURIER ANALYSIS**
- Texture discrimination and Fourier analysis 'n human vision p0303 A78-53865
- FOURIER TRANSFORMATION**
- High sensitivity Fourier transform NMR. Intermolecular interactions between environmental toxic substances and biological macromolecules [PB-274011/6] p0109 N78-18675
- FOVEA**
- Spatial sensitization as a function of delay --- in human vision p0025 A78-14415
- Adaptation, afterimages and cone saturation p0191 A78-36550
- Visual cells, daily rhythms, and vision research p0212 A78-40582
- The effect of luminance on human smooth pursuit of perfoveal and foveal targets p0295 A78-51952
- How presaccadic gratings modify postsaccadic modulation transfer function p0295 A78-51953
- FRACTIONATION**
- NT CHEMICAL FRACTIONATION
- FRACTURING**
- Acoustic evaluation of an aircraft canopy fracture emergency egress system p0141 A78-32136
- Computer simulation of human thoracic skeletal response: Abstract summary report [PB-276705/1] p0180 N78-22708
- Computer simulation of human thoracic skeletal response-theory, volume 1 [PB-276706/9] p0180 N78-22709
- FRANCE**
- The influence of tobacco from a medical standpoint on French pilots p0094 N78-17660
- FREEZE DRYING**
- Consumption of freeze-dried food in weightlessness --- for space flight feeding p0184 N78-23712
- Compression of rehydratable vegetables and cereals [NASA-CR-151727] p0209 N78-25766
- FREEZING**
- Freezing of small animals during hyperbaric exposure - Theoretical and practical considerations p0058 A78-20542
- Design of a blood-freezing system for leukemia research [NASA-TP-1165] p0109 N78-18673
- Volume-restricted freezing of living cells and tissues [ORNL/MIT-265] p0313 N78-33705

# SUBJECT INDEX

# GAS CHROMATOGRAPHY

- FREQUENCIES**
    - NT AUDIO FREQUENCIES
    - NT BROADBAND
    - NT EXTREMELY LOW FREQUENCIES
    - NT INFRASONIC FREQUENCIES
    - NT LOW FREQUENCIES
    - NT MICROWAVE FREQUENCIES
    - NT RADIO FREQUENCIES
    - NT SUPERHIGH FREQUENCIES
    - NT ULTRAHIGH FREQUENCIES
    - NT VERY LOW FREQUENCIES
    - Behavioral protocols and preliminary observations of chicks exposed to weak amplitude modulated 450 MHz fields p0166 N78-22595
    - Auditory frequency selectivity and two-tone suppression in normal hearing human listeners p0308 N78-32697
  - FREQUENCY BANDS**
    - U FREQUENCIES
  - FREQUENCY RESPONSE**
    - Threshold visibility of frequency gradient patterns p0025 A78-14414
    - Dynamics of the amphibian middle ear p0131 A78-29247
    - Selective chromatic adaptation at different spatial frequencies p0211 A78-40576
    - G-seat system step input and sinusoidal response characteristics [NASA-TN-78478] p0226 N78-26741
  - FRINGE PATTERNS**
    - U DIFFRACTION PATTERNS
  - FROGS**
    - Responses of the frog to angular accelerations in weightlessness p0171 N78-22640
    - Development of the vestibulum of frog embryos and larvae on the fast running clinostat p0171 N78-22641
  - FUEL OILS**
    - A literature review: Problem definition studies on selected toxic chemicals. Volume 4: Occupational health and safety aspects of the fog oils SGF No. 1 and SGF No. 2 and smoke screens generated from them [AD-A055903] p0310 N78-32709
  - FUELS**
    - NT AIRCRAFT FUELS
    - NT FOSSIL FUELS
    - NT FUEL OILS
    - NT KEROSENE
    - NT NUCLEAR FUELS
  - FUNCTIONAL ANALYSIS**
    - NT FOURIER TRANSFORMATION
    - NT HARMONIC ANALYSIS
    - NT INTEGRAL EQUATIONS
    - Functional requirements and other design features of a manned system research facility [AD-A044234] p0042 N78-12672
    - Pulmonary arterial tree: Architectural and functional design p0087 N78-16603
    - The helmet protects the aviator's head - or does it [AD-A048574] p0121 N78-18766
    - Neurophysiological assessment of functional states of the brain --- electroencephalographic responses to workloads p0287 N78-31755
  - FUNCTIONS (MATHEMATICS)**
    - NT FOURIER TRANSFORMATION
    - NT GREEN FUNCTION
    - NT LORENTZ TRANSFORMATIONS
    - NT MODULATION TRANSFER FUNCTION
    - NT PERIODIC FUNCTIONS
    - NT PROBABILITY DENSITY FUNCTIONS
    - NT PROBABILITY DISTRIBUTION FUNCTIONS
    - NT TRANSFER FUNCTIONS
  - FUNGI**
    - NT ACTINOMYCETES
    - NT NEUROSPORA
    - NT SPORES
    - NT STREPTOMYCETES
    - Effects of weightlessness, space orientation and light on geotropism and the formation of fruit bodies in higher fungi p0031 A78-15211
    - Apollo-Soyuz test project on biorhythm of zone-forming fungi - Preliminary work
  - Growth of fungi in NaCl-MgSO4 brines p0031 A78-15212
  - Methods for microbiological and immunological studies of space flight crews [NASA-TN-58185] p0268 A78-48653
  - p0251 N78-29725
  - FUNGICIDES**
    - NT CAFFEINE
  - F4H AIRCRAFT**
    - U P-4 AIRCRAFT
- ## G
- G FORCE**
    - U ACCELERATION (PHYSICS)
  - GAGES**
    - U MEASURING INSTRUMENTS
  - GALAXIES**
    - NT MILKY WAY GALAXY
  - GALVANIC CELLS**
    - U ELECTROLYTIC CELLS
  - GALVANIC SKIN RESPONSE**
    - Investigation of the effect of electrical pain stimulation of the skin on the reflex excitation of human alpha-motoneurons p0052 A78-18538
    - An analysis of electrodermal reflex activity --- using intravenous administration of epinephrine p0086 N78-16596
    - Electroencephalographic and galvanic skin responses to verbal stimuli [PB-274175/9] p0096 N78-17670
  - GAMMA RADIATION**
    - U GAMMA RAYS
  - GAMMA RAYS**
    - Biological investigations of higher and lower plants aboard Soyuz 19 --- radiation effects on heredity p0028 A78-15190
    - Radiobiological experiment aboard the biosatellite Cosmos-690 p0079 A7C-21739
    - The eight-sensor low-energy gamma topograph GNG-8 --- for human organism isotopic diagnosis p0131 A78-29068
    - Studies on adenine acid-soluble nucleotides content in the liver of gamma-irradiated chicken embryos p0266 A78-48442
    - The action of space flight factors on radiation effects of additional gamma-irradiation of seeds p0268 A78-48611
    - Degradation of biochemical activity in soil sterilized by dry heat and gamma radiation p0303 A78-53874
    - Effect of gamma radiation on intensity of ammonia excretion in albino rats p0117 N78-18735
    - Organism reactions to hypoxia following exposure to gamma radiation p0119 N78-18750
    - Development of neoplasms in dogs after chronic exposure to gamma radiation delivered at a low dose rate p0185 N78-23721
  - GANGLIA**
    - NT NERVES
    - NT NEURONS
    - Responses of macaque ganglion cells to far violet lights p0025 A78-14412
    - Trichromatic vision in the cat p0032 A78-15280
  - GARMENTS**
    - Spacesuit torso closure [NASA-CASE-ARC-11100-1] p0285 N78-31736
  - GAS ANALYSIS**
    - Continuous distributions of specific ventilation recovered from inert gas washout p0131 A78-29033
    - Application to animals and humans of a continuous monitoring oxygen system [PB-276448/8] p0180 N78-22713
  - GAS CHROMATOGRAPHY**
    - Detection of optical asymmetry in amino acids by gas chromatography for extraterrestrial space exploration - Results of a new soil processing scheme with breadboard instrumentation p0027 A78-15179

## GAS COMPOSITION

## SUBJECT INDEX

## GAS COMPOSITION

## NT CARBON DIOXIDE CONCENTRATION

## GAS DETECTORS

Development and testing of an implantable oxygen

sensor

[PB-269501/3]

p0006 N78-10697

Evaluation of an electrochemical detector for

trace concentrations of hydrazine compounds in air

--- space shuttle related toxic hazards

[AD-A054636]

p0250 N78-28811

## GAS DISSOCIATION

Blood gases at several levels of oxygenation in

rats with a left-shifted blood oxygen

dissociation curve

p0273 A78-50024

## GAS EXCHANGE

Prediction of carboxyhemoglobin concentration from

transient carbon monoxide exposure

p0018 A78-13273

Kinetics of gas exchange and ventilation in

transitions from rest or prior exercise

p0050 A78-18082

Analysis of postcapillary pH changes in blood in

vivo after gas exchange

p0193 A78-36608

Effect of space flights on blood circulation and

gas exchange during functional loading

p0194 A78-36636

The Viking biological experiments on Mars

p0201 A78-39746

Gas exchanges during exercise in normoxia and

hyperoxia

p0237 A78-43944

Gas elimination during a single-stage decompression

p0298 A78-52637

Pulmonary gas exchange, diffusing capacity in

natives and newcomers at high altitude

p0302 A78-53711

Ventilation-perfusion ratio distributions from

multiple inert-gas elimination data:

Mass-spectrometer measurement and nonlinear

parameter estimation

p0093 N78-17652

Variants of control for an ecosystem that is

closed with regard to exchange of gases, with

periodically functioning autotrophic component

p0176 N78-22680

## GAS FLOW

## NT AIR FLOW

## GAS GIANT PLANETS

## NT NEPTUNE (PLANET)

## NT URANUS (PLANET)

## GAS IONIZATION

## NT ATMOSPHERIC IONIZATION

## GAS LASERS

## NT HELIUM-NEON LASERS

## NT ULTRAVIOLET LASERS

Ocular hazard from UV laser exhibiting

self mode-locking

p0159 A78-35801

## GAS LIQUEFACTION

## U CONDENSING

## GAS MIXTURES

## NT AIR

## GAS PRESSURE

Effects of using long breathing hoses upon mask

pressure --- during aircraft cabin decompression

p0100 A78-26730

Technology advancement of the static feed water

electrolysis process

[NASA-CR-152073]

p0126 N78-19772

## GAS TRANSPORT

Blood gases at several levels of oxygenation in

rats with a left-shifted blood oxygen

dissociation curve

p0273 A78-50024

Gas transport in artificial lungs: Limitations

and improvements

p0005 N78-10688

Normobaric hyperoxia: A new look

p0246 N78-28779

## GASEOUS DIFFUSION

The normal human lung - Ultrastructure and

morphometric estimation of diffusion capacity

p0140 A78-32039

Pulmonary gas exchange, diffusing capacity in

natives and newcomers at high altitude

p0302 A78-53711

Bag for storing whole blood

[NASA-CASE-NPO-13930-1]

p0208 N78-25760

## GASES

## NT AIR

## NT CARBON DIOXIDE

## NT CARBON MONOXIDE

## NT HEAVY NUCLEI

## NT HIGH PRESSURE OXYGEN

## NT HYDROGEN

## NT HYDROGEN IONS

## NT IONIZED GASES

## NT LIQUID OXYGEN

## NT NITROGEN

## NT OXYGEN

## NT OZONE

## NT RARE GASES

Algae, ultraviolet light, and the production of

trace gases

[AD-A049441]

p0148 N78-21748

## GASTROINTESTINAL SYSTEM

## NT INTESTINES

Reaction of the digestive system to the effect of

spaceflight factors

p0194 A78-36639

The gastrointestinal tract in hypokinetic rats

p0267 A78-48587

## GENERAL AVIATION AIRCRAFT

## NT YAK 40 AIRCRAFT

Speech intelligibility through communication

headsets for general aviation

p0133 A78-29557

Spatial disorientation in general aviation accidents

p0265 A78-48081

U.S. fatal general aviation accidents due to

cardiovascular incapacitation: 1974-75

p0298 A78-52644

## GENERAL DYNAMICS MILITARY AIRCRAFT

## U MILITARY AIRCRAFT

## GENETIC CODE

The permuted generator hypothesis for the origin

of a genetic code

p0138 A78-31383

Amino acid-directed nucleic acid synthesis - A

possible mechanism in the origin of life

p0219 A78-42845

Codons and nearest-neighbor nucleotide pairs in

mammalian messenger RNA

p0219 A78-42846

Genetic code correlations - Amino acids and their

anticodon nucleotides

p0260 A78-47888

The genetic code as a periodic table

p0260 A78-47889

Aminoacyl-tRNA synthetase families and their

significance to the origin of the Genetic Code

p0303 A78-53873

## GENETICS

## NT GENETIC CODE

## NT MUTATIONS

Study of mutagenic stimulation in chlorella

p0197 A78-37760

A measure of the denseness of a phylogenetic network

--- by sequenced proteins from extant species

p0260 A78-47890

Biological investigations on the orbital station

'Salyut-5'

p0269 A78-48679

Genetic effects of cosmic radiation on

bacteriophage T4Br+/+ - On materials of

biological experiment 'Soyuz-Apollo'

p0269 A78-48682

Multinational Andean Genetic and Health Program.

VII - Lung function and physical growth -

Multivariate analyses in high- and low-altitude

populations

p0298 A78-52639

Translations on USSR science and technology:

Biomedical and Behavioral sciences, no. 39

[JPRS-71569]

p0280 N78-31697

Genetics of microorganisms and medicine

p0280 N78-31698

Some pressing problems of genetics

p0280 N78-31699

## GENITOURINARY SYSTEM

## NT BLADDER

## NT TESTES

## GEOASTROPHYSICS

## U GEOPHYSICS

# SUBJECT INDEX

# GLYCINE

- GEOCHEMISTRY**  
**NT BIOGEOCHEMISTRY**  
**GEOCHRONOLOGY**  
 Phosphorus, a key to life on the primitive earth  
     p0026 A78-14680  
 A critical evaluation of the application of amino  
 acid racemization to geochronology and  
 geothermometry  
     p0026 A78-14682
- GEOLOGY**  
**NT GEOCHRONOLOGY**  
**NT TECTONICS**  
**NT VOLCANOES**  
**NT VOLCANOLOGY**  
**GEOMAGNETIC EFFECTS**  
 U MAGNETIC EFFECTS  
**GEOMAGNETIC FIELD**  
 U GEOMAGNETISM  
**GEOMAGNETISM**  
 The biological activity of the disturbed  
 geomagnetic field  
     p0163 N78-22571-----
- GEOMETRY**  
**NT CURVATURE**  
**NT CURVES (GEOMETRY)**  
**NT PROLATE SPHEROIDS**  
**GEON (TRADEMARK)**  
 U POLYVINYL CHLORIDE  
**GEOPHYSICS**  
 Geophysical phononic energy as a source of  
 biophysical effects  
 [AD-A051386]  
     p0203 N78-24785  
**GEOTHERMAL RESOURCES**  
**NT VOLCANOES**  
 Health and safety impacts of nuclear, geothermal,  
 and fossil-fuel electric generation in  
 California. Volume 2: Radiological health and  
 related standards for nuclear power plants  
 [LBL-5285-VOL-2]  
     p0146 N78-20769
- GEOTROPISM**  
 Effects of weightlessness, space orientation and  
 light on geotropism and the formation of fruit  
 bodies in higher fungi  
     p0031 A78-15211  
 Pine seed germination at zero gravity /A  
 Cosmos-782 experiment/  
     p0051 A78-18523  
 Simulation of circumnutations - Behaviour under  
 different g's --- of plants  
     p0269 A78-48684  
 Present status of the problem concerning the  
 detection of gravity by plants  
     p0292 A78-50998  
 Respiratory activity of mitochondria in corn-root  
 cells, grown under conditions of variable gravity  
     p0293 A78-51394  
 Regions of differential cell elongation and  
 mitosis, and root meristem morphology in  
 different tissues of geotropically stimulated  
 maize root apices  
     p0298 A78-52631  
 Testing the mechanism of gravity sensing in plants  
     p0172 N78-22647  
 Root georeaction: Gravity effect on hormone balance  
 --- growth inhibiting substances  
     p0173 N78-22650
- GERMANY**  
 The "protection against X-ray damages act" of 1973  
 promulgated by the German Federal Republic  
 [ISS-R-76/13]  
     p0188 N78-23742
- GERMINATION**  
 Pine seed germination at zero gravity /A  
 Cosmos-782 experiment/  
     p0051 A78-18523  
 Germination-defective mutant of *Neurospora crassa*  
 that responds to siderophores  
     p0217 A78-41823  
 Pine seed germination under weightlessness (a  
 study of the Kosmos 782 satellite)  
 [NASA-TM-75080]  
     p0063 N78-15667
- GERMINATORS**  
 U PHYTOTRONS  
**GERONTOLOGY**  
 Activities of the Radiobiological Institute, the  
 Institute for Experimental Gerontology, and the  
 Primate Center  
     p0043 N78-13723  
 Effect of 6-day hypokinesia on oxygen metabolism  
 indices in elderly and senile subjects
- [NASA-TM-75521]  
**GLANDS (ANATOMY)**  
**NT ADRENAL GLAND**  
**NT GONADS**  
**NT PANCREAS**  
**NT PITUITARY GLAND**  
**NT TESTES**  
**NT THYMUS GLAND**  
**NT THYROID GLAND**  
**GLARE**  
 Alcohol retards visual recovery from glare by  
 hampering target acquisition  
     p0048 A78-17524  
 Glare and its adverse consequences in aviation  
     p0248 N78-28796
- GLAUERT COEFFICIENT**  
 U AERODYNAMIC FORCES  
**GLIDE ANGLES**  
 U GLIDE PATHS  
**GLIDE LANDINGS**  
 Quality of pilot landing performance and visual  
 information about altitude and distance  
     p0191 A78-36326
- GLIDE PATHS**  
 Quality of pilot landing performance and visual  
 information about altitude and distance  
     p0191 A78-36326
- GLIDE SLOPES**  
 U GLIDE PATHS  
**GLIDERS**  
 Concerning optical correction by contact lenses  
 for private pilots of aircraft and gliders in  
 VFR conditions  
     p0139 A78-31804
- GLOBULINS**  
 A study of humoral immunity - /Immunoglobulines  
 IgA, IgG, and IgM/ in the navigation personnel  
 of a civil aviation society as a function of age  
 and the frequency of certain vaccinations  
     p0059 A78-20551  
 Alpha-2-macroglobulin dosage, protamine test, and  
 vascular-risk factors detected in civilian and  
 military flight personnel  
     p0059 A78-20555
- GLOVES**  
 Restraining mechanism  
 [NASA-CASE-MSC-13054]  
     p0097 N78-17677
- GLUCOSE**  
 Insulin and glucose responses during bed rest with  
 isotonic and isometric exercise  
     p0053 A78-18574  
 Glucose delivery - A modulator of glucose uptake  
 in contracting skeletal muscle  
     p0055 A78-19143  
 Influence of metabolic rate upon the metabolism of  
 lactic acid and the oxidation of glucose,  
 alanine and leucine  
     p0143 N78-20745  
 The effects of abrupt altitude exposure (4300 m)  
 upon the metabolism of glucose-14 C-UL in man  
 [AD-A051764]  
     p0247 N78-28785
- GLUTAMIC ACID**  
 Influence of hyperoxia /1 ATA/ on mouse brain  
 GABA, glutamate, and glutamine  
     p0133 A78-29558
- GLUTAMINE**  
 Influence of hyperoxia /1 ATA/ on mouse brain  
 GABA, glutamate, and glutamine  
     p0133 A78-29558
- GLUTATHIONE**  
 Cellular glutathione is a key to the oxygen effect  
 in radiation damage  
     p0099 A78-25561  
 Effects of hyperbaric oxygen and glutathione on  
 mammalian liver metabolism  
     p0242 A78-46412
- GLYCERIDES**  
 Reduced triglyceride secretion - A metabolic  
 consequence of chronic exercise  
     p0134 A78-29637
- GLYCERINS**  
 U GLYCEROLS  
**GLYCEROLS**  
 Phytanyl-glycerol ethers and squalenes in the  
 archaeobacterium *Methanobacterium*  
 thermoautotrophicum  
     p0260 A78-47892
- GLYCINE**  
 Formation of nucleoside 5-prime-phosphoramidates

## GLYCOGENS

under potentially prebiological conditions  
p0049 A78-17853

Peptide formation in the prebiotic era - Thermal  
condensation of glycine in fluctuating clay  
environments  
p0215 A78-41220

## GLYCOGENS

Hypoxia tolerance in rats in relation to tissue  
glycogen levels  
p0265 A78-48078

## GLYCOLYSIS

Age-related changes in glycolysis in the rat liver  
during high-altitude acclimatization  
p0273 A78-49584

Significance of glycolysis in tissues for the  
combined action of hypercapnia, hypoxia, and  
hypothermia  
p0294 A78-51662

## GOATS

Milk secretion of Zn-65 in the goat after oral  
intake of radiozinc  
[POA-C-40069-A3] p0252 A78-29731  
Metabolism of 181W-labeled sodium tungstate in goats  
[POA-C-40070-A3] p0252 A78-29732

## GOGGLES

Laser protective eyewear --- goggles for reducing  
ocular hazards  
[AD-A044105] p0042 A78-12673  
Program documentation for the head switching  
software package  
[AD-A046175] p0063 A78-14788  
Requirements for goggles used in training to fly  
instruments  
[IZF-1977-4] p0206 A78-24805

## GONADS

Ventilation and ergometric indices in young  
individuals afflicted with hypogonadism  
p0103 A78-27100  
Compilation and assessment of microwave  
bioeffects, AO-02-01/EA81028: A selective  
review of the literature on biological effects  
of microwaves in relation to the satellite power  
system  
[PNL-2634] p0315 A78-33720

## GRADIENTS

## NT PRESSURE GRADIENTS

## GRAINS (FOOD)

## NT CORN

## GRASSES

## NT SEA GRASSES

## GRATINGS (SPECTRA)

Selective chromatic adaptation at different  
spatial frequencies  
p0211 A78-40576

Perimetry of contrast detection thresholds of  
moving spatial sine wave patterns. I - The near  
peripheral visual field /eccentricity 0-8 deg/.  
II - The far peripheral visual field  
/eccentricity 0-50 deg/. III - The target extent  
as a sensitivity controlling parameter. IV - The  
influence of the mean retinal illuminance  
p0217 A78-42473

How presaccadic gratings modify postsaccadic  
modulation transfer function  
p0295 A78-51953

Contrast sensitivity during saccadic eye movements  
p0295 A78-51954

## GRAVIRECEPTORS

## NT OTOLITH ORGANS

Mechanisms of interaction between receptors of the  
vestibular system --- Russian book  
p0266 A78-48522

Development of the vestibulum of frog embryos and  
larvae on the fast running clinostat  
p0171 A78-22641

## GRAVITATION

## NT ARTIFICIAL GRAVITY

## NT REDUCED GRAVITY

Present status of the problem concerning the  
detection of gravity by plants  
p0292 A78-50998

The relationship of gravity to vestibular studies  
p0171 A78-22637

Testing the mechanism of gravity sensing in plants  
p0172 A78-22647

Ultrastructural aspects of gravity-perceiving  
cells in cress roots  
p0172 A78-22648

## SUBJECT INDEX

Geoperception in lentil roots

p0172 A78-22649

## GRAVITATIONAL EFFECTS

Life sciences and space research IV; Proceedings  
of the Open Meeting of the Working Group on  
Space Biology, Philadelphia, Pa., June 8-19, 1976  
p0027 A78-15177

Prevention of human deconditioning during  
prolonged immersion in water  
p0030 A78-15202

Food and oxygen requirements for growing mice and  
turtles after hypergravitational development  
p0030 A78-15204

Gravitational influences upon the maintenance  
requirements of rabbits  
p0030 A78-15205

The effect of increased gravitational stress on bone  
p0030 A78-15206

Nonlinear behavior of sitting humans under  
increasing gravity  
p0077 A78-21725

Biological role of terrestrial gravitation  
p0135 A78-29663

Effect of gravitational and inertial forces on  
vertical distribution of pulmonary blood flow  
p0161 A78-36154

Physiological effects of varying gravity  
p0198 A78-38751

On extraterrestrial causes of the earth's dynamic  
processes and extinction of life  
p0220 A78-42951

Effect of gravity on lymphocyte activation  
p0267 A78-48604

Responses of roots to simulated weightlessness on  
the fast rotating clinostat  
p0268 A78-48667

Gravity as a biochemical determinant  
p0269 A78-48671

Effects of simulated hypogravity on respiration  
and photosynthesis of higher plants  
p0269 A78-48680

Simulation of circumnutations - Behaviour under  
different g's --- of plants  
p0269 A78-48684

Is gravity a morphological determinant in plants  
at the cellular level  
p0269 A78-48699

Hornet building orientation in a vertically  
rotating centrifuge  
p0269 A78-48713

Hypergravity - Its effect on the estrous cycle and  
hormonal levels in female rats  
p0270 A78-48722

Realignments of the cardiovascular system of a  
human operator under the action of negative  
gravity  
p0270 A78-48760

Respiratory activity of mitochondria in corn-root  
cells, grown under conditions of variable gravity  
p0293 A78-51394

Mental rotation under head tilt - Factors  
influencing the location of the subjective  
reference frame  
p0299 A78-53084

Tachistoscopic perception under head tilt  
p0300 A78-53085

Configuration of the chest wall during increased  
gravitational stress in erect humans  
p0302 A78-53709

Some effects of acceleration in man and chimpanzees  
--- gravitational effects  
p0009 A78-11668

The rhesus (*Macaca mulatta*) and crab-eating  
(*Macaca fascicularis*) monkeys in cardiovascular  
and aerospace research  
p0011 A78-11680

Application and effectiveness of prophylactic  
devices in model experiments  
[NASA-TN-75074] p0088 A78-16609

Change in gravitation level as a stress factor  
p0110 A78-18683

Certain peculiarities of the functioning of the  
cardiovascular system in bedrest conditions  
during horizontal and antiorthostatic body  
positions  
[NASA-TN-75075] p0112 A78-18699

Influence of gravity and weightlessness on  
maturation of the equilibrium function  
p0171 A78-22639

## SUBJECT INDEX

## HAND (ANATOMY)

- Circumnutation and gravity  
 Root georeaction: Gravity effect on hormone balance  
 --- growth inhibiting substances p0172 N78-22646  
 Control of cell growth and hormone levels by gravity  
 p0173 N78-22650  
 The application of in-vivo measurements of bone  
 strain to Spacelab program. Preliminary results  
 --- transducer development p0173 N78-22651  
 G-seat system step input and sinusoidal response  
 characteristics p0174 N78-22664  
 [NASA-TM-78478] p0226 N78-26741  
 Effect of altered gravity on temperature  
 regulation in mammals: Investigation of gravity  
 effect on temperature regulation in mammals  
 [NASA-CR-157570] p0275 N78-30797  
 Effects of altered gravity on viscosity of  
 cytoplasm and protein content of plant cells  
 p0307 N78-32691
- GRAVITATIONAL FIELDS  
 Effect of head orientation in the gravity field on  
 severity of caloric nystagmus p0111 N78-18691
- GRAVITATIONAL POTENTIAL  
 U GRAVITATIONAL FIELDS  
 GRAVITATIONAL RADIATION  
 U GRAVITATIONAL FIELDS  
 GRAVITY  
 U GRAVITATION  
 GREEN FUNCTION  
 Relationships among Green's theorem, Helmholtz'  
 theorem, and integral equation methods of  
 solving the forward ECG problem p0196 A78-37152
- GREEN THEOREM  
 U GREEN FUNCTION  
 GREENHOUSES  
 U PHYTOTRONS  
 GROUND BASED CONTROL  
 NT AIR TRAFFIC CONTROL  
 GROUND CREWS  
 Problems in maintaining the alertness of air force  
 personnel - The organization of work schedules  
 during long-distance flights p0020 A78-13514  
 Techniques for monitoring on-ground and in-flight  
 alertness levels p0020 A78-13516  
 Aircraft fuel crews - Occupational hazards and  
 sicknesses p0139 A78-31803
- GROUND EFFECT MACHINES  
 Vibration aspects of ride quality modeling for the  
 DOT PTACV: Theory and experiment  
 [PB-279846/0] p0286 N78-31744
- GROUP BEHAVIOR  
 U GROUP DYNAMICS  
 GROUP DYNAMICS  
 Means for optimization of group interaction under  
 conditions of prolonged isolation p0022 A78-13594  
 Possibilities of enhancing the dependability of  
 groups acting in extremal situations p0022 A78-13595  
 Suggestibility and characterological features of  
 personality p0262 A78-47961  
 Self-referent behavior as a function of  
 groups of leaderled p0089 N78-16617
- GROUP THEORY  
 NT SUBGROUPS  
 GROWTH  
 NT VEGETATION GROWTH  
 New microbial growth factor p0003 A78-12123  
 Femur-bending properties as influenced by gravity.  
 III Sex-related weakness after 4-G mouse growth  
 p0017 A78-13266  
 Food and oxygen requirements for growing mice and  
 turtles after hypergravitational development  
 p0030 A78-15204  
 Vitamins limiting for growth of subjects fed a  
 normal diet under hyperbaric He-O2 conditions  
 p0079 A78-21740  
 Responses of articular and epiphyseal cartilage  
 zones of developing avian radii to estrone  
 treatment and a 2-G environment p0134 A78-29562
- Rat growth during chronic centrifugation  
 p0268 A78-48640
- Multinational Andean Genetic and Health Program.  
 VII - Lung function and physical growth -  
 Multivariate analyses in high- and low-altitude  
 populations p0298 A78-52639  
 Effects of fracture trauma, estrone treatment, and  
 a 2-G environment on the epiphyseal cartilage  
 zones of developing avian radii p0298 A78-52643  
 Effects of maturation and hypoxia on skeletal muscle  
 p0085 N78-16584  
 Influence of gravity and weightlessness on  
 maturation of the equilibrium function p0171 N78-22639  
 Control of cell growth and hormone levels by gravity  
 p0173 N78-22651  
 Effects of space environment on organism development  
 p0173 N78-22660
- GROWTH CHAMBERS  
 U PHYTOTRONS  
 GUIDANCE (MOTION)  
 NT RENDEZVOUS GUIDANCE  
 NT SPACECRAFT GUIDANCE  
 GUINEA PIGS  
 Pressure measurements in the cochlea of a guinea pig  
 [ISL-CO-206/77] p0183 N78-23707
- GUM VULCANIZATES  
 U VULCANIZED ELASTOMERS  
 GUNNERY TRAINING  
 Area of interest/field-of-view research using ASPT  
 --- flight helmets for pilot and gunnery trainers  
 [AD-A055692] p0311 N78-32718
- GUSTATORY PERCEPTION  
 U TASTE  
 GYMNASTICS  
 U PHYSICAL EXERCISE  
 GYRATION  
 NT ROTATION  
 GIROPLANES  
 U HELICOPTERS
- H
- HABITABILITY  
 Optimization of the habitation environment  
 p0021 A78-13577  
 Spacelab life support and habitability systems  
 growth for extended mission durations  
 [AIAA PAPER 78-1672] p0295 A78-51997
- HALIDES  
 NT CHLORIDES  
 NT POTASSIUM CHLORIDES  
 HALL CURRENTS  
 U ELECTRIC CURRENT  
 HALOCARBONS  
 NT FLUOROCARBONS  
 HALOGEN COMPOUNDS  
 NT CHLORIDES  
 NT CHLORINE COMPOUNDS  
 NT FLUOROCARBONS  
 NT POTASSIUM CHLORIDES  
 HALOGENS  
 NT IODINE  
 HALOPHILES  
 Are extreme halophiles actually 'bacteria'  
 p0211 A78-40192  
 Archaeobacteria --- biology and chemistry  
 p0260 A78-47891  
 Calcium transport in Halobacterium halobium  
 envelope vesicles p0267 A78-48574  
 Growth of fungi in NaCl-MgSO4 brines p0268 A78-48653  
 The metabolism of carbohydrates by extremely  
 halophilic bacteria - The identification of  
 lactobionic acid as a product of lactose  
 metabolism by Halobacterium saccharovorum  
 p0301 A78-53619
- HAND (ANATOMY)  
 Biomechanical models for vibration feedthrough to  
 hands and head for a semisupine pilot  
 p0077 A78-21727  
 Effect of hand-based sensors on manipulator  
 control performance p0136 A78-30510

- Hand-arm vibration. III - A distributed parameter dynamic model of the human hand-arm system  
p0153 A78-32781
- HANDBOOKS**  
NT USER MANUALS (COMPUTER PROGRAMS)  
**HANDLING QUALITIES**  
U CONTROLLABILITY  
**HAPLOSCOPES**  
Market study phase 2 follow-up activity. The Baylor Mark 3 Haploscope  
[NASA-CR-156141] p0145 N78-20758  
**HARMONIC ANALYSIS**  
Harmonic analysis of the left ventricular pressure waveform of the primate  
p0130 A78-28950  
**HARNESSES**  
Breathing effects of a parachute harness secured over an inflated lifejacket  
p0201 A78-39673  
CV 990 interface test and procedure analysis of the monkey restraint, support equipment, and telemetry electronics proposed for Spacelab  
[NASA-TM-78484] p0228 N78-27736  
**HAZARDS**  
NT AIRCRAFT HAZARDS  
NT FLIGHT HAZARDS  
NT OPERATIONAL HAZARDS  
NT RADIATION HAZARDS  
NT TOXIC HAZARDS  
Aircraft fuel crews - Occupational hazards and sicknesses  
p0139 A78-31803  
Role of the physician in decisions concerning overseas transfers in an airline company  
p0139 A78-31805  
**HEAD (ANATOMY)**  
NT OCCIPITAL LOBES  
NT SKULL  
Nonlinear numerical prediction of human head/helmet crash impact response  
p0073 A78-21702  
Application of a fluid-filled spherical sandwich shell as a biodynamic head injury model for primates  
p0073 A78-21703  
Mathematical modeling of the head and neck response to -G/x/ impact acceleration /minimum articulation requirements/  
p0075 A78-21715  
Biomechanical models for vibration feedthrough to hands and head for a semisupine pilot  
p0077 A78-21727  
A finite element head injury model. Volume 2: Computer program documentation  
[AD-A043582] p0012 N78-11693  
A finite element head injury model. Theory, development, and results  
[AD-A043605] p0012 N78-11694  
Validation studies for head impact injury model  
[PB-272285/8] p0063 N78-14790  
Effect of head orientation in the gravity field on severity of caloric nystagmus  
p0111 N78-18691  
The transmission of vertical vibration to the heads and shoulders of seated men  
[RAE-TR-77068] p0189 N78-23750  
**HEAD MOVEMENT**  
Comprehensive, three-dimensional head-neck model for impact and high-acceleration studies  
p0075 A78-21716  
Prediction of head/neck dynamic response of selected military subjects to -G/x/ acceleration  
p0075 A78-21717  
Predictive model of dynamic response of the human head/neck system to -G/x/ impact acceleration  
p0076 A78-21718  
Empirical model of intracranial pressure and head motion resulting from a vibrating seated rhesus  
p0076 A78-21720  
Bidirectional overadaptation achieved by executing leftward or rightward head movements during unidirectional rotation  
p0078 A78-21733  
Coriolis cross-coupling effects - Disorienting and nauseogenic or not  
p0078 A78-21737  
Increased secretion of growth hormone, prolactin, antidiuretic hormone, and cortisol induced by the stress of motion sickness  
p0079 A78-21741  
Axisymmetric vibration of human skull-brain system  
p0134 A78-29591  
Visual target acquisition and tracking performance using a helmet-mounted sight  
p0139 A78-31840  
Linear model for visual-vestibular interaction  
p0214 A78-41161  
Movement parallax - An asymptotic function of amplitude and velocity of head motion  
p0221 A78-43182  
Head rotational spectral characteristics during two-dimensional smooth pursuit tasks  
p0272 A78-49263  
Head and neck mobility of pilots measured at the eye  
[ARC-R/M-3803] p0062 N78-14781  
Modeling and control of the human head-neck response under impact acceleration  
p0062 N78-14785  
Dynamics of the eye and head during movement between displays: A qualitative and quantitative guide for designers  
[AD-A052753] p0208 N78-25763  
The utility of peripheral vision to motor vehicle drivers  
[PB-278157/3] p0234 N78-27779  
**HEAD-UP DISPLAYS**  
KC-135 boom operator's head-up display  
p0084 A78-24366  
The isolation of minimum sets of visual image cues sufficient for spatial orientation during aircraft landing approaches  
[AD-A046369] p0068 N78-15700  
**HEADSETS**  
U EARPHONES  
**HEALING**  
NT WOUND HEALING  
Effects of fracture trauma, estrone treatment, and a 2-G environment on the epiphyseal cartilage zones of developing avian radii  
p0298 A78-52643  
**HEALTH**  
NT HEALTH PHYSICS  
NT MENTAL HEALTH  
NT PUBLIC HEALTH  
Evaluating the effects of low-level chronic exposures  
[BNWL-SA-5992] p0089 N78-16614  
Carbon monoxide  
[PB-274965/3] p0114 N78-18713  
Toxic substances alert program  
[NASA-TM-73866] p0144 N78-20755  
**HEALTH PHYSICS**  
NT PUBLIC HEALTH  
The human health effects of photochemical oxidant air pollution - A review of experience in the United States  
p0024 A78-14197  
Life sciences and space research IV; Proceedings of the Open Meeting of the Working Group on Space Biology, Philadelphia, Pa., June 8-19, 1976  
p0027 A78-15177  
Review of exposure techniques and dosimetric methods employed in microwave bioeffects research  
p0048 A78-17583  
Specific characteristics of the effect of UV laser radiation on the survival of microorganisms  
p0217 A78-42635  
Concorde and cosmic rays  
p0257 A78-46952  
Radiological quality of the environment in the United States, 1977  
[PB-274229/4] p0114 N78-18710  
RF radiation absorption patterns: Human and animal modeling data  
[PB-274749/1] p0124 N78-19755  
Health and safety impacts of nuclear, geothermal, and fossil-fuel electric generation in California. Volume 2: Radiological health and related standards for nuclear power plants  
[LBL-5285-VOL-2] p0146 N78-20769  
Efforts by the Environmental Protection Agency to protect the public from environmental nonionizing radiation exposures  
[PB-279483/2] p0254 N78-29746  
A literature review: Problem definition studies on selected toxic chemicals. Volume 6: Occupational health and safety and environmental aspects of urea-formaldehyde resins

- [AD-A054991] p0282 N78-31716  
 Nitrogen oxides: Current status of knowledge  
 [EPRI-PA-668] p0283 N78-31723  
 Advances in human internal radiation counting at  
 Los Alamos: Multiple simultaneous in-vivo  
 measurements  
 [LA-UR-78-1063] p0315 N78-33721
- HEARING**  
**NT ACOUSTIC FATIGUE**  
**NT BINAURAL HEARING**  
 Effect of high-intensity impulse noise on the  
 hearing organ --- jet engine noise effects  
 p0103 A78-27098  
 Detection of an octave band of noise as a function  
 of stimulus presentation  
 [AD-A053756] p0231 N78-27760  
 Fifth Advanced Operational Aviation Medicine Course  
 [AGARD-B-666] p0248 N78-28793  
 Auditory information of flying personnel:  
 Anatomical and physiological basis  
 p0249 N78-28800  
 Practical problems raised by Oto-rhino-laryngology  
 standards  
 p0249 N78-28805  
 Effects of noise and hearing acuity upon visual  
 depth perception and safety among humans  
 [PB-280365/8] p0277 N78-30812  
 Auditory frequency selectivity and two-tone  
 suppression in normal hearing human listeners  
 p0308 N78-32697
- HEARING LOSS**  
**U AUDITORY DEFECTS**
- HEART**  
**NT CARDIAC AURICLES**  
**NT CARDIAC VENTRICLES**  
**NT MYOCARDIUM**  
 Increased contractile potential of papillary  
 muscles from exercise-trained rat hearts  
 p0154 A78-33524  
 Pacemaker related conductance changes in cardiac  
 Purkinje fibers  
 p0112 N78-18697  
 Model-based hemodynamic indicators of left  
 ventricular performance in acute myocardial  
 infarction  
 p0178 N78-22693  
 Development of radiation lesions to the rat heart  
 during a space flight (experimental  
 morphological study)  
 p0307 N78-32690
- HEART DISEASES**  
**NT CORONARY ARTERY DISEASE**  
 Correlations between electrocardiographic,  
 vectorcardiographic, and echocardiographic  
 findings in patients with left ventricular  
 overload  
 p0017 A78-13146  
 Precordial T wave vectors in the detection of  
 coronary heart disease - The Framingham study  
 p0017 A78-13147  
 The effect of respiration on normal and abnormal Q  
 waves - An electrocardiographic and  
 vectorcardiographic analysis  
 p0017 A78-13148  
 Computer analysis of the orthogonal  
 electrocardiogram and vectorcardiogram in 257  
 patients with aortic valve disease  
 p0026 A78-14647  
 Exercise stress testing  
 p0026 A78-15159  
 Diagnostic value of history and maximal exercise  
 electrocardiography in men and women suspected  
 of coronary heart disease  
 p0027 A78-15160  
 Predictive implications of ventricular premature  
 contractions associated with treadmill stress  
 testing  
 p0050 A78-18450  
 Alterations of postural and Valsalva responses in  
 coronary heart disease  
 p0055 A78-19146  
 An application of pattern recognition to  
 echocardiography  
 p0083 A78-23997  
 Heart damage during emotional stress and  
 prophylaxis of this effect with the aid of  
 preliminary adaptation to high-altitude hypoxia  
 p0106 A78-28123
- Evaluation of congenital heart defects from  
 dynamic tracer measurements  
 p0130 A78-28872  
 Noninvasive recording of electrical activity in  
 the PR segment in man --- relationship to  
 intracavity His bundle  
 p0136 A78-30724  
 Study of left ventricular wall thickness and  
 dimension changes using echocardiography  
 p0137 A78-30725  
 A spatial-temporal filtering procedure for cardiac  
 potential mapping  
 p0158 A78-35193  
 The cardiovascular fitness of airline pilots -  
 Report of a working party of the Cardiology  
 Committee of the Royal College of Physicians of  
 London  
 p0159 A78-35850  
 Functional state of external respiration in  
 flight-crew members with compensated  
 atherosclerotic cardiosclerosis  
 p0200 A78-39199  
 Different prognostic value of exercise  
 electrocardiogram in men and women  
 p0220 A78-42925  
 Cardiac rhythm diagnosis by digital computer ---  
 Thesis  
 p0239 A78-45224  
 Electrophysiologic properties of alcohol in man  
 p0239 A78-45409  
 Use of vectorcardiography for the detection of  
 +Gz-related cardiac pathology in miniature swine  
 p0241 A78-46410  
 Contribution to the diagnosis of painless ischemic  
 cardiopathy in flight personnel  
 p0257 A78-46957  
 Atrial flutter - Electrocardiographic  
 vectorcardiographic and echocardiographic  
 correlation  
 p0271 A78-49150  
 U.S. fatal general aviation accidents due to  
 cardiovascular incapacitation: 1974-75  
 p0298 A78-52644  
 Superconducting magnetometry for the detection of  
 heart disease  
 [PB-271950/8] p0044 N78-13735
- HEART FUNCTION**  
**NT HEART MINUTE VOLUME**  
 Intracardial gas bubbles at altitude after  
 negative pressure breathing  
 p0017 A78-13264  
 Effects of acute hyperkalemia on cardiac  
 excitability  
 p0034 A78-15955  
 Measurement of the human magnetic heart vector  
 p0048 A78-17265  
 Postural effects on the noninvasive baselines of  
 ventricular performance  
 p0055 A78-19131  
 Choline acetyltransferase activity in heart -  
 Evidence for neuronal and not myocardial origin  
 p0055 A78-19144  
 Myocardial contracture and accumulation of  
 mitochondrial calcium in ischemic rabbit heart  
 p0055 A78-19145  
 Noninvasive analysis of regional myocardial wall  
 motion Cardiokymography  
 p0055 A78-19147  
 Effect of isometric exercise on catecholamines in  
 the coronary circulation  
 p0057 A78-20341  
 The effects of exercise on the amplitude of the  
 first heart sound in normal subjects  
 p0057 A78-20361  
 Efficiency of the myocardium after adaptation to  
 hypoxia  
 p0072 A78-21197  
 Reliability of noninvasive methods for measuring  
 cardiac function in exercise  
 p0082 A78-23602  
 Modelling heart structure changes during  
 adaptation to large loads  
 p0084 A78-24249  
 Oscillatory phenomena in the simulation of the  
 long-term adaptation of the heart  
 p0084 A78-24574  
 Functioning of intramuscular peripheral hearts in  
 the dog under conditions of general hypothermia  
 p0084 A78-24595



- Experimentally observed magnetic-field effect on electrocardiographic indices p0104 A78-27670
- Cardiac rhythm during wakefulness and different stages of sleep p0129 A78-28491
- Harmonic analysis of the left ventricular pressure waveform of the primate p0130 A78-28950
- The interpretation of the T wave of the electrocardiogram p0135 A78-29937
- Quantitative radionuclide angiography in the right anterior oblique view - Comparison with contrast ventriculography p0136 A78-30650
- Electrical impedance cardiogram in derivation of systolic time intervals p0154 A78-34082
- Alterations in left ventricular function in normal man on exposure to high altitude /3658 m/ p0155 A78-34083
- Assessment of correction formula for echocardiographic estimations of left ventricular volumes p0155 A78-34084
- Mechanism of the attenuated cardiac response to beta-adrenergic stimulation in chronic hypoxia p0191 A78-36601
- Effects of respiration on cardiac performance p0192 A78-36604
- Some problems regarding the participation of the cerebral cortex in the regulation of the cardiovascular system p0199 A78-38754
- Simulation of heart structural changes upon adaptation to large loads p0212 A78-40703
- Chronoinotropic reserves of the myocardium p0218 A78-42655
- Phase structure of the diastole of trained heart p0218 A78-42656
- Resistance of the myocardium to loads under high-altitude conditions p0218 A78-42658
- Intramyocardial micropump activity during rhythmic stretching of the myocardium p0219 A78-42828
- Contractile function of the myocardium and energy supply during experimental hyperfunction of the heart in animals of different age p0237 A78-44090
- Dynamics of heart contractions in dogs with experimental renal hypertension under hypoxic hypoxia conditions p0237 A78-44091
- A method for recording transient processes in the cardiac rhythm and its implementation p0237 A78-44094
- The adaptation and the loss of adaptation of the myocardium of rats accustomed to hypoxia p0238 A78-44216
- Continuing studies of noise and cardiovascular function p0240 A78-45510
- An assessment of a N2O rebreathing method for the estimation of cardiac output during severe exercise p0259 A78-47492
- Substrate effects on myocardial performance during normoxia and hypoxia p0261 A78-47949
- Analysis of the contractility of the myocardium of different heart chambers by means of comparing the isometric contraction of isolated stria and the strain-gage recording of isometric stress of the myocardium of an intact functioning heart p0270 A78-48753
- Analysis of energy metabolism of a functioning heart during hypoxia and variations of functional loading p0270 A78-48754
- Mathematical model of the contractile activity and the chronoinotropism of the myocardium p0270 A78-48755
- Investigation of the output of the left ventricle of the human heart p0270 A78-48756
- Use of a mathematical model for identifying the role of the cardiac component in the regulation of hemodynamics p0270 A78-48757
- Modeling of the heart pumping function p0270 A78-48758
- Effect of age on mechanical properties and biochemical composition of the heart arteries in man p0289 A78-50531
- Resting values of left ventricular work to coronary blood flow ratio in rats exposed to intermittent high altitude hypoxia and swimming p0292 A78-51299
- Effect of hypokinesia on the contractile function and neural regulation of the heart p0302 A78-53789
- Comprehensive study interrelating cardiac function and fundamental muscle mechanics p0086 A78-16595
- Effects of endurance training on left ventricular function in the dog: A cineangiographic study p0092 A78-17646
- Cardiac output and aortic-pulmonary shunt studies p0144 A78-20754
- Design and performance of heart assist or artificial heart control systems p0183 A78-23032
- Functional reserves of the cardiac sympathetic system in the presence of hypoxia --- adrenergics p0185 A78-23719
- Processing of echocardiographic data for automatic detection of moving heart structures p0228 A78-27741
- Mechanism of the attenuated cardiac response to beta-adrenergic stimulation in chronic hypoxia [AD-A050147] p0231 A78-27762
- HEART MINUTE VOLUME**
- Altitude tolerance of general aviation pilots with normal or partially impaired spirometric function p0266 A78-48088
- HEART RATE**
- NT ARRHYTHMIA
- NT BRADYCARDIA
- NT SYSTOLE
- P-R interval in relation to heart rate during exercise and the influence of posture and autonomic tone p0004 A78-12475
- Human circadian rhythms in resting and exercise pulse rates p0019 A78-13477
- Circulatory adaptive reactions under hypergravity in normal and cold environments p0030 A78-15203
- Combined use of autogenic therapy and biofeedback in training effective control of heart rate by humans p0047 A78-17218
- Observed differences in learning ability of heart rate self-regulation as a function of hypnotic susceptibility p0047 A78-17219
- Prediction of heat tolerance from heart rate and rectal temperature in a temperate environment p0050 A78-18080
- Effect of antiorthostatic exposure on heart-rate dynamics and quality of tracking by human operator --- space flight simulation p0071 A78-21179
- Heart rate response to isocapnic hypoxia in conscious man p0104 A78-27123
- Cardiac, EEG, and motor components of the unconditioned reaction to acoustic stimulus during wakefulness and slow-wave sleep p0104 A78-27669
- Extent of utilization of the Frank-Starling mechanism in conscious dogs --- preload effects on myocardial regulation p0154 A78-33522
- Portable heart rate recorder with PLL circuit --- Phase Locked Loop p0196 A78-37235
- Evaluation method of mental workload under flight conditions --- relationship to heart rate variability p0215 A78-41168

## SUBJECT INDEX

## HEAT TRANSFER

- The electrocardiogram and cardiac rhythm in healthy young persons p0217 A78-42654
- Chronotropic reserves of the myocardium p0218 A78-42655
- Possibility of voluntary regulation of the heart rate p0218 A78-42657
- Rhythm of heart contractions in different stages of sleep and during wakefulness p0218 A78-42659
- Comparison of metabolic and ventilatory responses of men to various lifting tasks and bicycle ergometry p0235 A78-43789
- Metabolic, cardiovascular, and respiratory factors in the development of fatigue in lifting tasks p0236 A78-43790
- A method for recording transient processes in the cardiac rhythm and its implementation p0237 A78-44094
- Role of baroreceptors in cardiac-rhythm regulation in awake animals p0238 A78-44215
- Cardiac rhythm diagnosis by digital computer --- Thesis p0239 A78-45224
- Effect of suprachiastic lesions on diurnal heart rate rhythm in the rat p0267 A78-48580
- Impedance cardiography for estimating cardiac output during submaximal and maximal work p0297 A78-52544
- A pocket size heart beat radio telemeter and signal decoder [AD-A043587] p0043 A78-13728
- Sleep stage classification using beat-by-beat heart rate data p0086 A78-16591
- Evaluating the work load of helicopter pilots. In-flight recordings of heart rate and cardiac arrhythmia p0090 A78-16626
- Influence of central venous pressure upon sinus node responses to arterial baroreflex stimulation in man [NASA-CR-155783] p0109 A78-18678
- Sleep wakefulness determinations from heart rate data, volume 3 [AD-A045817] p0113 A78-18703
- A new approach to ventricular dynamics: The flow-pulse response p0143 A78-20749
- Investigation of a new cardiac arrhythmia monitoring scheme p0187 A78-23733
- Interaction of cardiorespiratory physical fitness and heat tolerance [AD-A050149] p0231 A78-27763
- HEART VALVES**
- Aortic root and left atrial wall motion - An echocardiographic study p0002 A78-10499
- HEAT**
- NT DRY HEAT**
- HEAT ACCLIMATIZATION**
- Effects of training and heat acclimatization on blood plasma contents of exercising men p0049 A78-18076
- Heat acclimation, physical fitness, and responses to exercise in temperate and hot environments p0050 A78-18079
- Prediction of heat tolerance from heart rate and rectal temperature in a temperate environment p0050 A78-18080
- Dynamic characteristics of heat exchange and moisture exchange in the human body p0213 A78-41011
- Indices of thermoregulatory strain for moderate exercise in the heat p0217 A78-42005
- Convergence of skin and rectal temperatures as a criterion for heat tolerance p0265 A78-48083
- Hormonal responses of sedentary and exercising men to recurrent heat exposure p0265 A78-48084
- The correlation of sodium and potassium metabolism with the level of energy consumption in man
- during adaptation to heat [NASA-TM-75331] p0309 A78-32704
- HEAT BALANCE**
- Controlling human heat content - Method and application p0033 A78-15582
- Heat losses and body temperature of albino rats during hyperoxia p0235 A78-43642
- HEAT CONDUCTION**
- U CONDUCTIVE HEAT TRANSFER**
- HEAT DISSIPATION**
- U COOLING**
- HEAT DISSIPATION CHILLING**
- U COOLING**
- HEAT EFFECTS**
- U TEMPERATURE EFFECTS**
- HEAT EQUATIONS**
- U THERMODYNAMICS**
- HEAT MEASUREMENT**
- Measurement of microwave radiation absorbed by biological systems. II - Analysis by Dewar-flask calorimetry p0080 A78-21878
- HEAT PIPES**
- Jet pump assisted arterial heat pipe [AIAA 78-443] p0158 A78-35622
- HEAT REGULATION**
- U TEMPERATURE CONTROL**
- HEAT RESISTANCE**
- U THERMAL RESISTANCE**
- HEAT SOURCES**
- NT GEOTHERMAL RESOURCES**
- Controlled cellular energy conversion in brown adipose tissue thermogenesis p0299 A78-52698
- HEAT TOLERANCE**
- Morphology of extremely heat-resistant spores from Bacillus sp. ATCC 27380 by scanning and transmission electron microscopy p0028 A78-15185
- Heat acclimation, physical fitness, and responses to exercise in temperate and hot environments p0050 A78-18079
- Prediction of heat tolerance from heart rate and rectal temperature in a temperate environment p0050 A78-18080
- Effects of altitude and heat on complex cognitive tasks p0133 A78-29544
- Sexual variations in thermoregulation during heat stress p0157 A78-35108
- Physiological and psychological effects of heat stress simulating cockpit conditions p0160 A78-36153
- Convergence of skin and rectal temperatures as a criterion for heat tolerance p0265 A78-48083
- Hormonal responses of sedentary and exercising men to recurrent heat exposure p0265 A78-48084
- Heat stress, work function and physiological heat exposure limits in man [AD-A050008] p0146 A78-20767
- Development and evaluation of heat transfer equations for a model of clothed man [AD-A050542] p0180 A78-22707
- Underclothing and its physiological effects in a hot-dry environment [AD-A050540] p0182 A78-22725
- Recurrent heat exposure: Effects on hormonal responses in resting and exercising men [AD-A050539] p0231 A78-27761
- Interaction of cardiorespiratory physical fitness and heat tolerance [AD-A050149] p0231 A78-27763
- Prediction of human heat tolerance [AD-A051276] p0247 A78-28788
- HEAT TRANSFER**
- NT CONDUCTIVE HEAT TRANSFER**
- NT RADIATIVE HEAT TRANSFER**
- Heat loss from the skin surface of the human body - Deductions from a symmetry of constant mean surface curvature p0201 A78-39748
- Heat transfer principles in personal protection applications p0292 A78-51222

# HEAT TRANSMISSION

# SUBJECT INDEX

- Development and evaluation of heat transfer equations for a model of clothed man [AD-A050542] p0180 N78-22707
- Development and evaluation of heat transfer equations for a model of clothed man p0182 N78-22722
- HEAT TRANSMISSION**
- NT CONDUCTIVE HEAT TRANSFER
- NT HEAT TRANSFER
- NT RADIATIVE HEAT TRANSFER
- HEATING**
- NT TRANSIENT HEATING
- HEAVY COSMIC RAY PRIMARIES**
- U HEAVY NUCLEI
- HEAVY IONS**
- Depth-dose relations for heavy ion beams p0201 A78-39700
- HEAVY NUCLEI**
- Calculation of the radiobiological effects of heavy ions on eggs of *Artemia salina* flown in the Biostack experiments p0029 A78-15194
- HELICOPTER ATTITUDE INDICATORS**
- U HELICOPTERS
- HELICOPTER PERFORMANCE**
- Movement by helicopter of patients with decompression sickness p0299 A78-52645
- HELICOPTERS**
- NT MILITARY HELICOPTERS
- NT UH-1 HELICOPTER
- Catecholamine excretion in helicopter pilots p0019 A78-13507
- Response of the skeletal system to helicopter-unique vibration p0076 A78-21721
- Workload and operational fatigue in helicopter pilots p0102 A78-26741
- Study of the work capability of helicopter crews during a long stay on warships p0137 A78-30786
- Measurement of heat stress: Kiowa and Musketeer cockpits [AD-A046388] p0066 N78-15686
- Workload and operational fatigue in helicopter pilots p0090 N78-16622
- A study on pilot's workload in helicopter operation under simulated IMC employing a forward looking sensor p0091 N78-16627
- A personal cooling system for helicopter pilots [AD-A047649] p0121 N78-18767
- Flight performance and pilot workload in helicopter flight under simulated IMC employing a forward looking sensor p0223 N78-26055
- Physiological parameters associated with extended helicopter flight missions: An assessment of pupillographic data [AD-A052771] p0250 N78-28810
- Visual performance/workload of helicopter pilots during instrument flight [AD-A055424] p0318 N78-33738
- HELIUM-NEON LASERS**
- Laser backscattering measurements on biological cells: Preliminary results [LA-UR-76-2462] p0085 N78-16588
- HELIUM-OXYGEN ATMOSPHERES**
- Vitamins limiting for growth of subjects fed a normal diet under hyperbaric He-O2 conditions p0079 A78-21740
- Work Capability and physiological effects predictive studies. 4: In He-O2 excursions to pressures of 400- 800- 1200- and 1600 feet of sea water [NASA-CR-157571] p0282 N78-31714
- HELIXES**
- U CURVES (GEOMETRY)
- HELMETS**
- Service life analysis of the SPH-4 aviator helmet p0018 A78-13271
- Nonlinear numerical prediction of human head/helmet crash impact response p0073 A78-21702
- Visual target acquisition and tracking performance using a helmet-mounted sight p0139 A78-31840
- The effect of helmet loader G-cueing on pilot's simulator performance [AIAA 78-1573] p0290 A78-50654
- Program documentation for the head switching software package [AD-A046175] p0063 N78-14788
- Helmet latching and attaching ring [NASA-CASE-XMS-04670] p0097 N78-17678
- Protective garment ventilation system [NASA-CASE-XMS-04928] p0097 N78-17679
- Helmet feedport [NASA-CASE-XMS-09653] p0097 N78-17680
- Emergency space-suit helmet [NASA-CASE-MSC-10954-1] p0121 N78-18761
- The helmet protects the aviator's head - or does it [AD-A048574] p0121 N78-18766
- Helmet cold conditioning: Correlation of structural temperatures in actual and simulated cold environments [AD-A050033] p0151 N78-21769
- Comparative anthropometry of air standardization coordinating committee personnel for equipment design: Helmets [AD-A052893] p0209 N78-25771
- Safety helmet-head interaction study using high-speed cineradiography [PB-277289] p0209 N78-25772
- Area of interest/field-of-view research using ASPT --- flight helmets for pilot and gunnery trainers [AD-A055692] p0311 N78-32718
- Program documentation for the terrain and flight dynamics program --- computer graphics for flight simulation [AD-A056116] p0318 N78-33742
- HEMATOCRIT**
- Blood volume and body haematocrit of rats native to a simulated altitude of 3500 m p0215 A78-41214
- HEMATOLOGY**
- Behavior of certain biochemical indices of the blood of rats subjected to +Gz accelerations according to different programs in tests to the tolerance limit p0106 A78-28320
- Hematological investigations --- cosmonaut peripheral blood changes p0194 A78-36638
- Haematologic changes in rabbits during acclimatization, deacclimatization, and reinduction to hypoxia p0241 A78-46407
- Design of a blood-freezing system for leukemia research [NASA-TP-1165] p0109 N78-18673
- The hematic system in the set of symptoms of autonomic disorders in monkeys on the low gravitation stand p0120 N78-18757
- Biological effects of high strength electric fields on small laboratory animals [HCP/T1830-03] p0313 N78-33706
- HEMATOPOIESIS**
- Effect of dehydration on erythropoiesis in mice - Relevance to the 'anemia' of space flight p0242 A78-46414
- Hemopoiesis in dogs exposed to lethal doses of protons with shielded bone marrow p0116 N78-18728
- Changes in peripheral blood of crew members of the Salyut-4 orbital station p0174 N78-22669
- HEMODYNAMIC RESPONSES**
- Cardiovascular response during manned space flights [IAF PAPER 77-252] p0034 A78-15931
- Physiological responses under the action of Coriolis acceleration p0072 A78-21183
- Relationship between maximal oxygen uptake and left ventricular function in exercise p0082 A78-23601
- Reliability of noninvasive methods for measuring cardiac function in exercise p0082 A78-23602
- Time course of the cerebral circulatory response to metabolic depression p0082 A78-23648
- Effects of exercise and excitement on mesenteric and renal dynamics in conscious, unrestrained baboons

- Dynamics of cardiorespiratory system indicators in healthy man during passive orthostatic test p0104 A78-27124  
 Compensatory and adaptive responses of the mesentery microcirculation bed in rats undergoing hypoxia p0129 A78-28490  
 Examination of transient processes in the circulatory system in the framework of the theory of dynamic systems p0137 A78-31250  
 Mathematical modeling of arterial pressure transient processes during the action of vasoactive substances p0213 A78-41007  
 Significance of supraspinal mechanisms in adaptive responses of the cardiovascular system during postural change p0214 A78-41014  
 Respiratory-hemodynamic correlations in individuals of different age p0218 A78-42661  
 Hemodynamic mechanisms for maintaining maximal oxygen transport in the human organism p0218 A78-42663  
 Characteristics of variation of hemodynamics during high-altitude hypoxia p0219 A78-42664  
 Variation of the reactivity of resistive and capacitive organ vessels during adaptation to highland conditions p0219 A78-42665  
 Adaptation of circulation to exertion p0219 A78-42666  
 Metabolic and cardiovascular adjustment to arm training p0219 A78-42667  
 Contractile function of the myocardium and energy supply during experimental hyperfunction of the heart in animals of different age p0236 A78-43791  
 Dynamics of heart contractions in dogs with experimental renal hypertension under hypoxic hypoxia conditions p0237 A78-44090  
 Substrate effects on myocardial performance during normoxia and hypoxia p0237 A78-44091  
 Emotional state and orthostatic reactions p0261 A78-47949  
 Resting values of left ventricular work to coronary blood flow ratio in rats exposed to intermittent high altitude hypoxia and swimming p0262 A78-47960  
 Plasma volume changes with movement to supine and standing positions p0292 A78-51299  
 Impedance cardiography for estimating cardiac output during submaximal and maximal work p0297 A78-52541  
 Distinctive features of regional circulation and vasomotor regulation following a two-month space flight p0297 A78-52544  
 Model-based hemodynamic indicators of left ventricular performance in acute myocardial infarction p0115 N78-18718  
 Avian hemodynamic and homeostatic responses following high environmental temperature acclimation p0178 N78-22693  
 Morphological study of hemopoietic organs of hypokinetic rats p0245 N78-28775  
 Relationship between osmotic pressure of the blood and secretion of sweat [NASA-TN-75461] p0307 N78-32686  
 HEMODYNAMICS p0313 N78-33703  
 The false positive stress test - Multivariate analysis of 215 subjects with hemodynamic, angiographic and clinical data p0026 A78-14646  
 Effects of acute prolonged hypoxia on cardiovascular dynamics in dogs p0033 A78-15518  
 Altered control of skin blood flow during exercise at high internal temperatures  
 Analysis of pulsatile, viscous blood flow through diseased coronary arteries of man p0033 A78-15519  
 Blood flow velocity in brain capillaries during hypoxia p0035 A78-16013  
 The lack of influence of reactive hyperemia on exhausting rhythmic or static exercise p0053 A78-18562  
 Influence of hypoxia on the longitudinal distribution of pulmonary vascular resistance p0102 A78-26745  
 Myocardial PO2 distribution - Relationship to coronary autoregulation p0141 A78-32325  
 Effect of gravitational and inertial forces on vertical distribution of pulmonary blood flow p0154 A78-33523  
 Effective compliance of the circulation in the upright sitting posture p0161 A78-36154  
 The problem of tension and tonus in health and disease as related to circulation p0197 A78-38009  
 Intramyocardial micropump activity during rhythmic stretching of the myocardium p0218 A78-42660  
 Haematologic changes in rabbits during acclimatisation, deacclimatisation, and reinduction to hypoxia p0219 A78-42828  
 Functional stability of cerebral circulation p0241 A78-46407  
 Relationships between central and local mechanisms for regulation of hemodynamics p0242 A78-46451  
 Dynamics of reflex reactions of arteries and veins during variation of the functional state of vasomotor centers p0242 A78-46452  
 Adaptive cardiovascular changes to physical training in spontaneously hypertensive and normotensive rats p0243 A78-46454  
 Use of a mathematical model for identifying the role of the cardiac component in the regulation of hemodynamics p0258 A78-46981  
 Investigation of the role of basic parameters of blood circulation in the regulation of hemodynamic by means of a mathematical model, identified in an experiment p0270 A78-48757  
 General approach to the modeling of the blood circulation p0271 A78-48761  
 A microcinematographic method of studying the rate of circulation in the brain capillaries p0271 A78-48762  
 Use of the auricle-floor temperature of the rabbit as an index of skin blood flow p0296 A78-52400  
 Cardiovascular, renal and respiratory effects of high intensity, intermediate duration, low frequency vibration [AD-A050158] p0303 A78-53792  
 HEMOGLOBIN p0247 N78-28784  
 NT CARBOXYHEMOGLOBIN  
 Neutral changes during divergent evolution of hemoglobins p0260 A78-47893  
 HEMOLYSIS  
 Rotating disc induced hemolysis as influenced by disc material and blood chemistry p0123 N78-19748  
 HEMORRHAGES  
 Retinal hemorrhage in high mountain climbers p0258 A78-47113  
 Bleeding duodenal ulcer and the flier p0299 A78-52646  
 HEMOSTASIS  
 U HEMOSTATICS  
 HEMOSTATICS  
 Disseminated intravascular coagulation developed in hyperbaric oxygen p0158 A78-35110  
 HEREDITY  
 Biological investigations of hyaer and lower

## HERMETIC SEALS

## SUBJECT INDEX

- plants aboard Soyuz 19 --- radiation effects on heredity  
p0028 A78-15190
- HERMETIC SEALS**  
Cooling system for removing metabolic heat from an hermetically sealed spacesuit  
[NASA-CASE-ARC-11059-1] p0312 N78-32721
- HETEROCYCLIC COMPOUNDS**  
NT ACETAZOLAMIDE  
NT ADENINES  
NT ADENOSINE TRIPHOSPHATE  
NT ADENOSINES  
NT ASCORBIC ACID  
NT ATROPINE  
NT CAFFEINE  
NT PROMETHAZINE
- HIBERNATION**  
Regulation of mammalian hibernation p0122 N78-19741
- HIERARCHIES**  
Hierarchic multilevel system for the control of some physiological functions p0104 A78-27572
- HIGH ACCELERATION**  
Comprehensive, three-dimensional head-neck model for impact and high-acceleration studies p0075 A78-21716  
Use of vectorcardiography for the detection of +Gz-related cardiac pathology in miniature swine p0241 A78-46410  
Medical evaluation of G-sensitive aircrewmembers p0242 A78-46416
- HIGH ALTITUDE**  
High-altitude pulmonary edema p0019 A78-13505  
Altitude hypoxia. A bibliography with abstracts [NTIS/PS-78/0443] p0310 N78-32711
- HIGH ALTITUDE BREATHING**  
Intracardial gas bubbles at altitude after negative pressure breathing p0017 A78-13264  
Clinical and physiological aspects of the evacuation of the wounded and the sick by air transport p0054 A78-18923  
Prevention of hypoxia-acceptable compromises --- in high altitude flight p0134 A78-29563  
Investigation of arterial bloodgases at altitude using constant-flow oxygen masks p0161 A78-36160  
Characteristics of variation of hemodynamics during high-altitude hypoxia p0219 A78-42665  
Changes in EEG pattern during acclimatization to high altitude /3500 m/ in man p0241 A78-46409
- NGL advances --- valveless LOX converter for Tornado aircraft** p0274 A78-50085
- Checking effectiveness of prevention of high-altitude decompression disorders by means of prebreathing in an oxygen environment --- extravehicular activity p0184 A78-23713
- Physical fitness of permanent lowland and highland residents p0306 N78-32679
- HIGH ALTITUDE ENVIRONMENTS**  
Man at high altitude: The pathophysiology of acclimatization and adaptation --- Book p0002 A78-11957  
Effect of sojourn at 3200-m altitude on spinal reflexes in young adult males p0018 A78-13268  
Resistance of stratospheric and mesospheric micro-organisms to extreme factors p0027 A78-15180  
Effects of high altitude on plasma concentrations of testosterone and pituitary gonadotropins in man p0100 A78-26727  
Explosive decompression of subjects up to a 20,000-m altitude using a two-pressure flying suit p0140 A78-31844  
Alterations in left ventricular function in normal man on exposure to high altitude /3658 m/ p0155 A78-34083  
Urinary catecholamine excretion in temporary residents of high altitude
- p0192 A78-36606  
Characteristics of electrical parameters of human skin during adaptation to high-altitude conditions p0213 A78-41013  
Body fluid compartments in rabbits on exposure to acute hypobaric hypoxia --- with/without diuretic treatment p0215 A78-41163  
Blood volume and body haematocrit of rats native to a simulated altitude of 3500 m p0215 A78-41214  
Resistance of the myocardium to loads under high-altitude conditions p0218 A78-42658  
Retinal hemorrhage in high mountain climbers p0258 A78-47113  
Resting values of left ventricular work to coronary blood flow ratio in rats exposed to intermittent high altitude hypoxia and swimming p0292 A78-51299  
Effect of altitude on dietary-induced thermogenesis at rest and during light exercise in man p0296 A78-52537  
Effects of exercise, altitude, and food on blood hormone and metabolite levels p0296 A78-52538  
The effect of high altitude on pyridine nucleotides and adenosine phosphates in the liver of the rat p0279 N78-31689
- HIGH ALTITUDE FLIGHT**  
U FLIGHT  
U HIGH ALTITUDE
- HIGH ALTITUDE TESTS**  
Effect of altitude acclimatization on thermoregulation efficiency of man p0157 A78-35107
- HIGH GRAVITY (ACCELERATION)**  
U HIGH GRAVITY ENVIRONMENTS  
HIGH GRAVITY ENVIRONMENTS  
Femur-bending properties as influenced by gravity. III Sex-related weakness after 4-G mouse growth p0017 A78-13266  
Circulatory adaptive reactions under hypergravity in normal and cold environments p0030 A78-15203  
Food and oxygen requirements for growing mice and turtles after hypergravitational development p0030 A78-15204  
The effect of increased gravitational stress on bone p0030 A78-15206  
Chronic acceleration in plants p0031 A78-15208  
Variation of the corticosteroid composition of the urine under the action of simulated orthostatic stressing under high-g conditions p0073 A78-21373  
Spatial distribution of pulmonary blood flow in dogs in increased force environments p0130 A78-29032  
Responses of articular and epiphyseal cartilage zones of developing avian radii to estrone treatment and a 2-G environment p0134 A78-29562
- HIGH PRESSURE**  
Modifications of pulmonary surfactant under hyperbaric conditions in rats - Role of oxygen and diluting gas under partial pressure p0058 A78-20543  
Vitamins limiting for growth of subjects fed a normal diet under hyperbaric He-O2 conditions p0079 A78-21740  
An analysis of neuromuscular function at hyperbaric pressures p0245 A78-28773  
Hyperbaric oxygenation. A bibliography with abstracts [NTIS/PS-78/0676/3] p0316 N78-33724
- HIGH PRESSURE OXYGEN**  
Influence of systemic factors on hyperbaric oxygen toxicity in the rat visual system p0018 A78-13269  
Body fluid compartments in rabbits on exposure to acute hypobaric hypoxia --- with/without diuretic treatment p0215 A78-41163  
State of hypothalamo-hypophyseal neurosecretory system during hyperbaric oxygenation

- Design of high pressure oxygen filter for  
extravehicular activity life support system,  
volume 1 p0273 A78-49700  
[NASA-CR-151571] p0062 N78-14786  
Design of high pressure oxygen filter for  
extravehicular activity life support system.  
Volume 2: Test data p0063 N78-14787  
[NASA-CR-151572]
- HIGH RESOLUTION**  
High resolution ultrasonic scanning of animal and  
human tissue in-vivo p0253 N78-29742  
[ORNL-TM-5934]
- HIGH SPEED FLIGHT  
U FLIGHT**
- HIGH TEMPERATURE**  
Avian hemodynamic and homeostatic responses  
following high environmental temperature  
acclimation p0245 N78-28775
- HIGH TEMPERATURE ENVIRONMENTS**  
Effects of high ambient temperature on sleep in  
young men p0214 A78-41158  
Working in a hot environment; perspiration loss; a  
drink for persons working under hot conditions,  
part 2 p0148 N78-21751  
[NASA-TM-75285]  
Underclothing and its physiological effects in a  
hot-dry environment p0182 N78-22725  
[AD-A050540]
- HIGH VACUUM**  
A special photoproduct in DNA, UV-irradiated in  
vacuo p0268 A78-48623
- HIGHWAYS**  
Evaluation of several methods of establishing  
plant cover by seeding on the roadside  
[PB-278275/3] p0228 N78-27739
- HILDER MILITARY AIRCRAFT  
U MILITARY AIRCRAFT**
- HINDRANCE  
U CONSTRAINTS**
- HIS BUNDLE**  
Noninvasive recording of electrical activity in  
the PR segment in man --- relationship to  
intracavity His bundle p0136 A78-30724  
Noninvasive, real-time examination of  
atrioventricular conduction system p0178 N78-22695
- HISTAMINES**  
Endogenous histamine and promethazine-induced  
gastric ulcers in the guinea pig p0305 N78-32668  
[NASA-TM-75341]
- HISTOCHEMICAL ANALYSIS**  
Circulatory adaptive reactions under hypergravity  
in normal and cold environments p0030 A78-15203  
The functional and chemical characteristics of  
choline-sensitive neurons in the cortex of the  
brain p0136 A78-30399  
The gastrointestinal tract in hypokinetic rats  
p0267 A78-48587  
Histochemical study of digestive organs of rats  
following flight on Kosmos-605 p0115 N78-18722  
Histochemical study of digestive organs of rats  
involved in space flight on the Kosmos-690  
satellite p0306 N78-32681
- HISTOGRAMS**  
A cardiac arrhythmia monitoring system p0178 N78-22694
- HISTOLOGY**  
Responses of articular and epiphyseal cartilage  
zones of developing avian radii to estrone  
treatment and a 2-G environment p0134 A78-29562  
Comparison of carotid artery mechanics in the rat,  
rabbit, and dog p0134 A78-29638  
Fine morphology of the tectorial membrane - Fresh  
and developmental p0300 A78-53392  
An audiometric and histologic comparison of noise-  
and drug-induced cochlear pathology in the  
chinchilla
- Assessment of pancreas cells p0301 A78-53398  
[NASA-CR-151744] p0228 N78-27737  
Laser-induced thermal damage of skin  
[AD-A054612] p0276 N78-30810
- HISTORIES**  
NT CASE HISTORIES  
Life beyond the earth p0305 N78-32136
- HOLOGRAPHY**  
NT ACOUSTICAL HOLOGRAPHY
- HOMEOSTASIS**  
The osmoregulating function of the kidneys during  
immersion p0197 A78-37857  
Regulation of intracellular pH in lungs and other  
tissues during hypercapnia p0236 A78-43792  
Inhibition of bone formation during space flight  
p0292 A78-51225  
Zero gravity and cardiovascular homeostasis. The  
relationship between endogenous  
hyperprolactinemia and plasma aldosterone  
[NASA-CR-151715] p0179 N78-22705  
Avian hemodynamic and homeostatic responses  
following high environmental temperature  
acclimation p0245 N78-28775
- HOMOTHERMS**  
Penetration of external thermal perturbations into  
homeothermic organisms. I, II p0138 A78-31768
- HOMOMORPHISMS**
- NT SUBGROUPS**
- HONEYCOMB STRUCTURES**  
Hornet building orientation in a vertically  
rotating centrifuge p0269 A78-48713
- HORMONE METABOLISMS**  
Ventilation and ergometric indices in young  
individuals afflicted with hypogonadism p0103 A78-27100  
Diurnal rhythm of secretion of 17-oxycorticoids  
during local and uniform production work p0129 A78-28488  
Interrelationship of catecholamines and  
corticosteroids during muscle fatigue p0156 A78-34785  
Characterization and study of the mechanism of the  
thymus factor /thymarine/ p0241 A78-45988  
Hormonal responses of sedentary and exercising men  
to recurrent heat exposure p0265 A78-48084  
Hypergravity - Its effect on the estrous cycle and  
hormonal levels in female rats p0270 A78-48722  
Effects of exercise, altitude, and food on blood  
hormone and metabolite levels p0296 A78-52538
- HORMONES**  
NT ADRENOCORTICOTROPIN (ACTH)  
NT ALDOSTERONE  
NT CORTICOSTEROIDS  
NT CORTISONE  
NT ESTROGENS  
NT PITUITARY HORMONES  
NT THYROXINE  
Role of humoral-hormonal factors in human  
predisposition to motion sickness p0071 A78-21176  
Increased secretion of growth hormone, prolactin,  
antidiuretic hormone, and cortisol induced by  
the stress of motion sickness p0079 A78-21741  
Increased urinary excretion of triiodothyronine  
/T3/ and thyroxine /T4/ and decreased serum  
thyrotropic hormone /TSH/ induced by motion  
sickness p0079 A78-21742  
Effects of high altitude on plasma concentrations  
of testosterone and pituitary gonadotropins in man  
p0100 A78-26727  
Hormonal indices of tolerance to +Gz acceleration  
in female subjects --- personnel selection in  
Shuttle program p0215 A78-41162  
Root georeaction: Gravity effect on hormone balance  
--- growth inhibiting substances

- Control of cell growth and hormone levels by gravity p0173 N78-22650  
 p0173 N78-22651  
 Recurrent heat exposure: Effects on hormonal responses in resting and exercising men p0231 N78-27761  
 [AD-A050539]
- ROSES**  
 Effects of using long breathing hoses upon mask pressure --- during aircraft cabin decompression p0100 A78-26730  
 Effects of long-hose breathing --- in transport and cargo aircraft p0101 A78-26731
- HOT WEATHER**  
 Physiological and psychological effects of heat stress simulating cockpit conditions p0160 A78-36153
- HOUSEKEEPING (SPACECRAFT)**  
 A study of the pulsed method of laundering p0111 N78-18692
- HOVERCRAFT**  
 U GROUND EFFECT MACHINES  
 HU-1 HELICOPTER  
 U OH-1 HELICOPTER  
 HUGHES MILITARY AIRCRAFT  
 U MILITARY AIRCRAFT
- HUMAN BEHAVIOR**  
 A contribution to the study of mental confabulation and a general hypothesis on the functioning of logical and critical processes p0019 A78-13508  
 Techniques for monitoring on-ground and in-flight alertness levels p0020 A78-13516  
 Behavior and the mind --- psychological factors influencing military pilot performance p0020 A78-13518  
 Means for optimization of group interaction under conditions of prolonged isolation p0022 A78-13594  
 Possibilities of enhancing the dependability of groups acting in extremal situations p0022 A78-13595  
 Effect of a psychostimulant on the behavior of pilot trainees during training in a flight simulator p0059 A78-20556  
 Investigation of pilot behavior in flight /Analysis of Japanese studies/ p0060 A78-20564  
 The predictive control of behaviour - Appropriate and inappropriate actions beyond the input in a tracking task p0155 A78-34085  
 Discrete-time pilot model [ONERA, TP NO. 1978-60] p0239 A78-45272  
 Behavior therapy and the treatment of flight phobia p0266 A78-48086  
 Describing the human operator's internal model of a dynamic system p0272 A78-49273  
 The development, maintenance, and mathematical description of tracking behavior in man and the Rhesus Monkey [AD-A043225] p0015 N78-11717  
 A human factors taxonomy [AD-A043723] p0015 N78-11720  
 Assessing biomedical technologies. An inquiry into the nature of the process p0043 N78-13727  
 [PB-271162/0]  
 Self-referent behavior as a function of leader-led groups p0089 N78-16617  
 Human monitoring and control behavior models and experiments [NLR-TR-77010-U] p0226 N78-26737  
 A model of human behavior in a fire emergency [PB-277773/8] p0226 N78-26738  
 Transcript of the Meeting Proceedings of National Commission for the Protection of Human Subjects of Biomedical and Behavioral Research [PB-279639/9] p0232 N78-27765  
 Development of neurophysiological and behavioral metrics of human performance [AD-A053018] p0232 N78-27770  
 Human control and monitoring-models and experiments [NLR-TR-76015-U] p0256 N78-29763  
 Transcripts of the 40th meeting proceedings of National Commission for the Protection of Human
- Subjects of Biomedical and Behavioral Research [PB-279916/1] p0277 N78-30815
- HUMAN BEINGS**  
 Thresholds of perception for periodic linear motion p0157 A78-35103  
 Mathematical modelling of a human external respiratory system [NASA-TN-75069] p0088 N78-16606  
 Photodynamic effects induced in man by sensitizers and visible radiation p0145 N78-20764  
 Effects of stimulus repetition rate and sensation level upon the EEG following response of awake human subjects p0224 N78-26722  
 Some observations on the human visual perception system and their relevance to computer vision research [PB-277938/7] p0225 N78-26729  
 Human memory. A bibliography with abstracts [NTIS/PS-78/0348/9] p0233 N78-27772  
 Federal human nutrition research needs a coordinated approach to advance nutrition knowledge, volume 1 [PB-278850/3] p0233 N78-27776  
 Federal human nutrition research needs a coordinated approach to advance nutrition knowledge, volume 2 [PB-278851/1] p0233 N78-27777  
 Quantitative predictions of length in the Mueller-Lyer illusion as perceived by the human visual system [AD-A055706] p0317 N78-33732
- HUMAN BODY**  
 Evaluating experiments of heat insulation of life raft by dummy and human body p0001 A78-10195  
 The subjective magnitude of whole-body vibration p0019 A78-13479  
 Aspheric curvatures for the human lens p0025 A78-14418  
 Electromagnetic power deposition in prolate spheroid models of man and animals at resonance p0032 A78-15225  
 Controlling human heat content - Method and application p0033 A78-15582  
 Observations in energy balance in man during spaceflight p0048 A78-17645  
 The determination of biomechanical parameters of the vertebro-muscular axis in man p0058 A78-20544  
 Aerodynamic forces exerted on an articulated human body subjected to windblast p0075 A78-21713  
 Results of an investigation of the rotation of a man in space p0153 A78-33253  
 A foundation for systems anthropometry, phase 1 [AD-A042890] p0006 N78-10696  
 Some effects of acceleration in man and chimpanzees --- gravitational effects p0009 N78-11668  
 Temperature distribution in the human body under various conditions of induced hyperthermia [NASA-TN-75139] p0011 N78-11688  
 Implantable electromagnetic field probes in finite biological bodies p0086 N78-16593  
 Evaluation of postural mechanisms under dynamic conditions [NASA-CR-151638] p0112 N78-18700  
 Selected design parameters for reclining seats based on engineering anthropometry [AD-A048458] p0122 N78-18769  
 Simulation responses of a control model of human skeletal muscle p0179 N78-22701  
 A new method for determining the active force system in lower limbs during human locomotion p0179 N78-22702  
 Modelling the thermal effects of blood flow in human skin p0179 N78-22703  
 Development and evaluation of heat transfer equations for a model of clothed man [AD-A050542] p0180 N78-22707

## SUBJECT INDEX

## HUMAN FACTORS ENGINEERING

- Sweat collection capsule  
[NASA-CASE-ARC-11031-1] p0181 N78-22720
- Development and evaluation of heat transfer  
equations for a model of clothed man p0182 N78-22722
- Possibility of retaining thermal balance of the  
human body in an extremely rarefied atmosphere  
by means of vacuum evaporation of perspiration  
from the body surface p0184 N78-23715
- Experimental analysis of the information content  
of an aural electrical field of the human body  
[AD-A051096] p0188 N78-23741
- Biomagnetism: A review p0224 N78-26719
- The influence of trace metals in disperse aerosols  
on the human body burden of trace metals p0224 N78-26720
- Pathophysiological aspects of the problem of  
prolonged hypokinesia p0224 N78-26724
- [NASA-TN-75112] p0224 N78-26724
- Some clinical aspects of prolonged clinostatic  
hypokinesia p0224 N78-26725
- [NASA-TN-75114] p0224 N78-26725
- Contractile function of the myocardium with  
prolonged hypokinesia in patients with surgical  
tuberculosis p0224 N78-26726
- [NASA-TN-75115] p0224 N78-26726
- Multi-rigid-body system dynamics with applications  
to human-body models and finite-segment cable  
models p0227 N78-26743
- [AD-A052868] p0227 N78-26743
- Determining the number and positions of measuring  
locations for body surface potential mapping p0228 N78-27740
- Effect of prolonged hypokinesia on the water and  
fat content of the human body p0230 N78-27752
- [NASA-TN-75522] p0230 N78-27752
- Changes in the human blood coagulating system  
during prolonged hypokinesia p0230 N78-27754
- [NASA-TN-75520] p0230 N78-27754
- Research in support of joint Army-Navy air crew  
impact injury prevention program p0233 N78-27775
- [AD-A053437] p0233 N78-27775
- The effects of abrupt altitude exposure (4300 m)  
upon the metabolism of glucose-14 C-UL in man p0247 N78-28785
- [AD-A051764] p0247 N78-28785
- Biological significance of some metals as air  
pollutants. Part 2: Mercury p0277 N78-30814
- [PB-279670/4] p0277 N78-30814
- Instrumentation for the measurement of the  
evaporative and radiative heat loss rates from  
man in a normal working mode p0278 N78-30819
- Air quality criteria for lead p0284 N78-31730
- [PB-280411/0] p0284 N78-31730
- Cold weather stress on humans. A bibliography  
with abstracts p0284 N78-31732
- [NTIS/PS-78/0540/1] p0284 N78-31732
- Renal function in man as related to  
different degrees of exercise during bedrest p0305 N78-32675
- Evaluation of regional blood filling by means of  
rheoplethysmography combined with functional tests p0306 N78-32676
- Dynamics of free amino acid levels in human blood  
plasma during bed rest in head down position p0306 N78-32677
- Physical fitness of permanent lowland and highland  
residents p0306 N78-32679
- Effect of the combination of dry air heat and cold  
water treatment on human orthostatic stability p0308 N78-32695
- Three-dimensional anthropometry of the adult face  
--- bioengineering for protective breathing  
equipment p0309 N78-32705
- [AD-A054938] p0309 N78-32705
- Fast neutron depth dose distributions in a  
heterogeneous phantom p0314 N78-33712
- The combined effect of an SHF field and an  
unfavorable microclimate on the body p0316 N78-33730
- HUMAN CENTRIFUGES
- Functional state of the cardiovascular system with  
regard to the longterm effect of low acceleration p0220 A78-42898
- Several factors of designing multi-channel ECG  
pre-amplifier for human centrifuge experiment  
and performance of tentatively manufactured  
equipment p0238 A78-44350
- Medical evaluation of G-sensitive aircrewmembers p0242 A78-46416
- Preliminary investigation of using the centrifuge  
and light aircraft for training payload  
specialists --- onboard Spacelab  
[DLR-IB-355-76/06] p0044 N78-13734
- HUMAN ENGINEERING
- U HUMAN FACTORS ENGINEERING
- HUMAN FACTORS ENGINEERING
- Human engineering data for aircraft design. II -  
Aircrew station controls and displays:  
Assignment, location, and actuation for fixed  
wing aircraft p0001 A78-10196
- Human engineering data for aircraft design. III -  
Aircrew station vision requirement for military  
aircraft p0001 A78-10199
- Some new control theoretic models for human  
operator display monitoring p0019 A78-13446
- Development of means for optimizing operator  
activities by analyzing activity content,  
structure, and function p0021 A78-13583
- Applications of pilot scanning behavior to  
integrated display research p0056 A78-19430
- Optimization of crew performance in future  
aircraft and weapon systems - Experimental  
methods of objective measurement p0060 A78-20563
- Determination of optimum vibroisolation systems  
for a sitting human operator p0076 A78-21722
- KC-135 boom operator's head-up display p0084 A78-24366
- Recuperation after muscular fatigue by 'diverting  
activities' p0102 A78-26742
- Study of sleep in shift workers with alternating  
schedules - Adaptation and recovery in the case  
of rapid shift rotation /3-4 days/ p0103 A78-26747
- Human factors considerations in establishing  
aircraft collision avoidance system alert  
thresholds p0130 A78-28832
- A model to quantify reliability of human  
performance in man-machine systems p0132 A78-29487
- Prevention of hypoxia-acceptable compromises ---  
in high altitude flight p0134 A78-29563
- A strategy for the development of training devices p0153 A78-32676
- Critical variables in adaptive motor skills training p0153 A78-32677
- Simulation of operational equipment with a  
computer-based instructional system - A low cost  
training technology p0153 A78-32678
- International Congress of Psychology, 21st,  
Symposium on Mental Work Load, Paris, France,  
July 25, 1976, Proceedings p0159 A78-35851
- Forgotten alternatives in skill and work-load p0159 A78-35853
- Dual task methods of assessing work-load p0160 A78-35855
- Inflight measurement of pilot workload - A panel  
discussion p0161 A78-36158
- Human factors and aerodrome air traffic control  
/Revised edition/ --- Book p0199 A78-38981
- Measurement of forces on aircraft rudders  
[ONERA, TP NO. 1978-34] p0216 A78-41419
- Human factors in airfield air traffic control p0240 A78-45950
- Human reliability engineering p0241 A78-46323
- Aviation ergonomics: Probability methods ---  
Russian book



# HUMAN FACTORS LABORATORIES

# SUBJECT INDEX

- Adaptive systems of spacecraft control p0243 A78-46573
- Ergonomic evaluation of cross-hair sights p0263 A78-47975
- Effect of spectral filtering during continuous two-day work p0264 A78-47982
- Human-factors optimization of displays and control units for pilot and copilot p0264 A78-47986
- Verification of workload - A job for simulation --- pilot performance p0289 A78-50267 [AIAA 78-1586]
- Heat transfer principles in personal protection applications p0290 A78-50664
- A review of human factors engineering studies at Aeromedical Laboratory p0292 A78-51222
- Reviews on research and development with respect to the life support equipments in JASDF and its perspectives p0293 A78-51498
- Psychophysiological effects of aging: Developing a functional age index for pilots. 1. A survey of the pertinent literature p0293 A78-51499 [AD-A040322/0]
- A foundation for systems anthropometry, phase 1 p0006 N78-10694 [AD-A042890]
- Visually evoked brain potentials as aids in display design p0006 N78-10696 [AD-A043853]
- Human factors engineering in Air Force weapon systems acquisition p0008 N78-10707 [AD-A043207]
- A human factors taxonomy p0015 N78-11716 [AD-A043723]
- Human factors in flight safety p0015 N78-11720 [DLR-IB-355-75/02]
- A preliminary human engineering evaluation of hyperbaric control systems p0016 N78-11722 [AD-A044044]
- Functional requirements and other design features of a manned system research facility p0040 N78-12661 [AD-A044234]
- Evaluation of US Air Force survival/armor vest in US Army OH-58 helicopters p0042 N78-12672 [AD-A044842]
- Modeling and control of the human head-neck response under impact acceleration p0042 N78-12675
- A human factors evaluation of an experimental reversible extreme cold weather clothing ensemble p0062 N78-14785 [AD-A046620]
- The isolation of minimum sets of visual image cues sufficient for spatial orientation during aircraft landing approaches p0067 N78-15696 [AD-A046369]
- Safety considerations in human engineering of hyperbaric equipment p0068 N78-15700 [AD-A046839]
- Thermal analysis; Human comfort; Indoor Environments; Proceedings of a Symposium p0068 N78-15701 [PB-272862/4]
- Space Biology and Aerospace Medicine, no. 4, 1977 p0069 N78-15704 [JPRS-69964]
- A new approach toward obtaining quantified subjective test data p0117 N78-18738 [AD-A047838]
- An introduction to V/STOL technology affecting the pilot's role p0121 N78-18764 [AD-A048214]
- Human Engineering Laboratory Identification Friend or Foe test (HELFF) p0121 N78-18765 [AD-A048784]
- Selected design parameters for reclining seats based on engineering anthropometry p0121 N78-18768 [AD-A048458]
- Design, analysis, and interpretation of screening studies for human factors engineering research p0122 N78-18769 [AD-A050361]
- Human performance in aviation systems p0147 N78-20774 [AD-A050078]
- Human response to vibration under different conditions p0151 N78-21771
- Principles of engineering psychology involved in optimizing control systems of aircraft and spacecraft --- avionics, display devices and psychological factors p0174 N78-22665
- Influence of location of indicators on psychophysiological distinctions of combined activity --- positioning display devices and flight instruments p0183 N78-23709
- Night vision and dark adaptation. A bibliography with abstracts p0184 N78-23716 [NTIS/PS-78/0206/9]
- Annotated bibliography of the Air Force Human Resources Laboratory technical reports-1976 p0189 N78-23745 [AD-A051982]
- Human factors engineering. Part 1: Test procedures p0189 N78-23749 [AD-A051481]
- Human factors engineering. Part 2: HEDGE p0205 N78-24800 [AD-A051482]
- Human performance tradeoff curves for use in the design of Navy systems p0205 N78-24801 [AD-A053332]
- Human engineering evaluation of a cockpit display/input device using a touch sensitive screen p0209 N78-25770
- Human engineering evaluation of a man-machine system for system optimization-illustrated by a cockpit evaluation p0223 N78-26056 [RAE-LIB-TRANS-1952]
- Human reliability analysis of dependent events p0226 N78-26742 [SAND-77-1396C]
- Human factors requirements for fingertip reach controls p0233 N78-27771 [PB-278811/5]
- Two-dimensional linear models of two-legged walking --- human factors engineering p0250 N78-28808
- Man-machine interface analysis of the flight design system p0251 N78-29037 [NASA-CR-151812]
- Integration and application of human resource technologies in weapon system design p0255 N78-29754 [AD-A053681]
- Integration and application of human resource technologies in weapon system design: Coordination of five human resource technologies p0255 N78-29756 [AD-A053680]
- Use of the occupational knowledge test to assign extra credit in selection of air traffic controllers p0255 N78-29757 [AD-A053675]
- Analysis of crew/cockpit models for advanced aircraft p0277 N78-30818 [AD-A054957]
- Contrast sensitivity of the human visual system at one luminance level while adapted to a stimulus at another luminance level p0278 N78-30824 [AD-A055238]
- Spacesuit mobility joints p0282 N78-31717 [NASA-CASE-ARC-11058-1]
- Spacesuit torso closure p0285 N78-31735 [NASA-CASE-ARC-11100-1]
- Methods to assess work load p0285 N78-31736 [AGARD-CP-216]
- The human operator simulator: Workload estimation using a simulated secondary task p0286 N78-31745
- Operator workload assessment model: An evaluation of a VF/VA-V/STOL system p0287 N78-31756
- Effect of vibration duration on human discomfort --- passenger comfort and random vibration p0288 N78-31757 [NASA-TP-1283]
- Anthropometry: Basic studies and applications, volume 2. A bibliography with abstracts p0311 N78-32717 [NTIS/PS-78/0866/0]
- Adaptation of time line analysis program to single pilot instrument flight research p0316 N78-33726 [NASA-TN-78748]
- Effects of platform motion, visual and G-seat factors upon experienced pilot performance, in the flight simulator p0317 N78-33731 [AD-A055691]
- Design, analysis, and interpretation of screening studies for human factors engineering research, revision p0318 N78-33739 [AD-A056985]
- HUMAN FACTORS LABORATORIES p0318 N78-33743
- A review of human factors engineering studies at

# SUBJECT INDEX

# HUMAN PERFORMANCE

**Aeromedical Laboratory**  
**HUMAN PATHOLOGY**  
 Man at high altitude: The pathophysiology of acclimatization and adaptation --- Book p0293 A78-51498  
 High-altitude pulmonary edema p0002 A78-11957  
 Relationship between plasma lipid concentrations and coronary artery disease in 496 patients p0019 A78-13505  
 Analysis of pulsatile, viscous blood flow through diseased coronary arteries of man p0027 A78-15161  
 Bioelectrical expression of the activation of long-term memory and possible mechanisms of this process p0035 A78-16013  
 Investigation of elementary informational mnemonic fields in the human brain p0051 A78-18528  
 Subcortical links of optimization of intellectual-mnemonic human activity p0052 A78-18535  
 The use of methods of multivariate statistics for the automatic recognition of anomalies in records of background EEG p0052 A78-18537  
 The evaluation and control of the risks of contamination during the course of experiments with animals in the space environment p0059 A78-20550  
 Role of humoral-hormonal factors in human predisposition to motion sickness p0071 A78-21176  
 Parameters of CNV as indicators of integrative and adaptive processes during different functional states of the central nervous system --- Contingent Negative Variation p0129 A78-28492  
 Electrophysiologic properties of alcohol in man p0239 A78-45409  
 Mechanisms of self-regulation of the functional system of tracking in normal and pathological states p0263 A78-47979  
 The influence of strain rate on the mechanical properties of human skin and subcutaneous tissue p0179 A78-22700  
 The relationship between stress-related metabolites and disqualifying pathology in air traffic control personnel p0309 A78-32702  
**HUMAN PERFORMANCE**  
**NT ASTRONAUT PERFORMANCE**  
**NT OPERATOR PERFORMANCE**  
**NT PILOT PERFORMANCE**  
 Spatial frequency and the mediation of short-term visual storage p0017 A78-13117  
 Techniques for monitoring on-ground and in-flight alertness levels p0020 A78-13516  
 Dynamics of the human mental work capacity during some activity regimes p0021 A78-13584  
 The problem of self-regulation of posture --- vertical posture maintenance tests p0023 A78-13598  
 Dependence of the estimation of human state on the personal characteristics of the estimator p0023 A78-13599  
 The role of professional and sexual factors in the auditory evaluation of emotionally tinged speech p0023 A78-13601  
 Individual differences during training in the case of alpha brain waves with biofeedback p0026 A78-14500  
 Temporal properties of the human visual nervous system p0037 A78-17097  
 Combined use of autogenic therapy and biofeedback in training effective control of heart rate by humans p0047 A78-17218  
 Learned control of multiple autonomic responses to compensate for the debilitating effects of motion sickness p0047 A78-17220

A detailed performance evaluation of subminiature piezoresistive accelerometers p0048 A78-17407  
 Prediction of realistic visual tasks from image quality data p0053 A78-18714  
 Sequential expectancy in visual search p0054 A78-18825  
 The place of psychology and psychiatry in the medical evaluation of navigation personnel in civil aviation - Methodological and practical aspects p0058 A78-20546  
 Optimization of crew performance in future aircraft and weapon systems - Experimental methods of objective measurement p0060 A78-20563  
 Laws of reproduction of memory traces in time p0071 A78-20844  
 Comparison of analysis techniques for electroencephalographic data p0078 A78-21735  
 The biomechanics of work p0100 A78-26268  
 A model to quantify reliability of human performance in man-machine systems p0132 A78-29487  
 Caffeine consumption and target scanning performance p0133 A78-29542  
 Effects of infrasound on cognitive performance p0139 A78-31842  
 Human problem solving performance in a fault diagnosis task p0153 A78-32673  
 Theoretical limit to the contrast sensitivity of the human visual analyzer p0154 A78-33817  
 On the predictive, precognitive and preview manual tracking systems p0160 A78-35924  
 Air ions and human performance p0195 A78-36677  
 A model of human decisionmaking in a fault diagnosis task p0195 A78-37130  
 A queuing analysis of the air traffic controller's work load p0200 A78-39648  
 A mathematical theory for sequential input adaptive systems with applications to man-machine tracking systems p0200 A78-39649  
 Effect of preview on digital pursuit control p0201 A78-39650  
 The real time reconnaissance problem --- human performance limitations p0211 A78-40218  
 The effect of background familiarity in visual search - An analysis of underlying factors p0216 A78-41811  
 Human performance comparisons between digital pursuit and compensatory control p0240 A78-45948  
 Performance, mood, and clinical symptoms in men exposed to prolonged, severe physical work and sleep deprivation p0265 A78-48079  
 Head rotational spectral characteristics during two-dimensional smooth pursuit tasks p0272 A78-49263  
 Predicting the effects of dual-frequency vertical vibration on continuous manual control performance p0274 A78-50081  
 Effect of vitamin and amino acid supplements on human performance during heavy mental and physical work p0298 A78-52638  
 Binocular detection by normal and stereoblind observers p0299 A78-53082  
 The effects of layers of cold weather clothing and type of liner on the psychomotor performance of men [AD-A043835] p0015 A78-11719  
 Vibration, performance, and personality p0066 A78-15689  
 Research on manned system design using Operator Measures and Criteria (OMAC) data

- [AD-A046464] p0067 N78-15697  
Physiological work capacity and efficiency of adults during short duration high intensity work while engaged in a specific low carbohydrate, low-calorie diet
- [AD-A043298] p0087 N78-16602  
The effect of caffeine on human dark adaptation
- [AD-A043047] p0095 N78-17665  
Physiological correlates of performance in a long duration repetitive visual task
- [AD-A047838] p0095 N78-17666  
A new approach toward obtaining quantified subjective test data
- [AD-A048816] p0121 N78-18764  
Cognitive pretraining: An aid in the transition from instrument flying
- [AD-A050302] p0126 N78-19770  
Input, output, and response blocking in immediate recall
- [AD-A050210] p0147 N78-20771  
The effects of participatory mode and task workload on the detection of dynamic system failures
- [AD-A050040] p0147 N78-20775  
Activation and sustained attention: A pupillometric study of an auditory vigilance task
- [AD-A050040] p0149 N78-21759  
Human endurance of recurrent +G sub z accelerations
- [AD-A052069] p0175 N78-22670  
Potential use of nutritional factors to optimize performance under stress
- [NASA-CR-151676] p0181 N78-22718  
Biomechanical and performance response of man in six different directional axis vibration environments
- [AD-A053332] p0188 N78-23739  
Human performance tradeoff curves for use in the design of Navy systems
- [AD-A053332] p0209 N78-25770  
Human monitoring and control behavior models and experiments
- [NLR-TR-77010-U] p0226 N78-26737  
Development of neurophysiological and behavioral metrics of human performance
- [AD-A053018] p0232 N78-27770  
Human reliability analysis of dependent events
- [SAND-77-1396C] p0233 N78-27771  
Determination of stress and strain of air traffic control officers --- physiological response measurements
- p0287 N78-31751  
Physiological measures of workloads: Correlations between physiological parameters and operational performance
- p0287 N78-31753  
Effect of coriolis accelerations on man's ability to determine the direction of gravitational vertical
- p0308 N78-32694  
The effects of altitude and two decongestant-antihistamine preparations on physiological functions and performance
- [AD-A054793] p0309 N78-32706  
Effects of platform motion, visual and G-seat factors upon experienced pilot performance, in the flight simulator
- [AD-A055691] p0318 N78-33739
- HUMAN REACTIONS**
- Inversion of the sleep wakefulness pattern - Effects on circadian variations in psychophysiological activation p0019 A78-13476
- Human circadian rhythms in resting and exercise pulse rates p0019 A78-13477
- The subjective magnitude of whole-body vibration p0019 A78-13479
- Acute effects of ozone on lung function in humans p0024 A78-14195
- The effects of ozone in the range of the maximum work location concentration on subjects p0024 A78-14196
- The human health effects of photochemical oxidant air pollution - A review of experience in the United States p0024 A78-14197
- Psychophysical applications of human electroretinography p0035 A78-16077
- Transient visually evoked potential --- in human visual cortex p0035 A78-16078
- Biological effects of NO, NO2, SO2 and combinations thereof: Acute action on human and rat blood in vitro - Chronic action on the lung and blood of rats due to pollution-level concentrations p0036 A78-16474
- Observable effects in and human adaptation to rotating environments p0047 A78-17192
- An objective indicant of binocular vision in humans - Size-specific interocular suppression of visual evoked potentials p0055 A78-19224
- Evaluation of biomechanical response and potential injury from thoracic impact p0073 A78-21704
- Ride quality criteria of multifactor environments --- of transportation systems p0099 A78-24911
- Survey of pilots' attitudes and opinions about drinking and flying p0101 A78-26734
- The division of attention and the human auditory evoked potential p0105 A78-27748
- Long-latency evoked potentials to irrelevant, deviant stimuli p0105 A78-27749
- Role of biochemical processes in the response of biosystems to magnetic fields p0105 A78-27950
- Quantitative models of motor responses subject to longitudinal, lateral, and preview constraints p0132 A78-29540
- An equal sensation study of seated subjects in three translational modes --- for human response to vehicle motion p0155 A78-34086
- Acute and long-duration hypoxia --- Russian book p0155 A78-34156
- Temperature sensitivity of man to cold p0156 A78-34786
- Ride quality criteria --- transportation system interior and passenger response to environment p0158 A78-35664
- Lung volumes in man immersed to the neck - Dilution and plethysmographic techniques p0192 A78-36603
- Rat as a model for humanlike ventilatory adaptation to chronic hypoxia p0192 A78-36607
- Annoyance by aircraft noise and fear of overflying aircraft in relation to attitudes toward the environment and community p0196 A78-37535
- The influence of the acoustic reflex on the loudness of pulsed pure tones p0200 A78-39346
- Experiments on the noise heard by human beings when exposed to atmospheric winds p0200 A78-39347
- The effect of stimulus size on human cyclofusional response p0212 A78-40581
- Visual-field displacements in human beings evoked by acoustical transients p0239 A78-45397
- Medical effects of environmental noise on humans p0240 A78-45506
- Defensive activation toward noise p0240 A78-45509
- Objective workload and behavioural response in airport radar control rooms p0259 A78-47491
- The effect of rotational vibration in roll and pitch axes on the discomfort of seated subjects p0274 A78-50080
- The stability of equal sensation contours for whole-body vibration p0274 A78-50082
- Objective job difficulty, behavioural response, and sector characteristics in air route traffic control centres p0293 A78-51348
- The effect of sound duration on annoyance p0294 A78-51841

- A human factors taxonomy  
[AD-A043723] p0015 N78-11720
- On the spatial breadth of spatial frequency  
channels in human visual detection p0039 N78-12654
- Human perception of moderate strength low  
frequency magnetic fields p0062 N78-14782
- Conditions for the testing of drugs in man  
[BLL-RTS-10883] p0063 N78-15668
- Laboratory simulation of the action of  
weightlessness on the human organism  
[NASA-TM-75072] p0065 N78-15682
- The isolation of minimum sets of visual image cues  
sufficient for spatial orientation during  
aircraft landing approaches  
[AD-A046369] p0068 N78-15700
- The effect of age and activity level on  
fractionated response and reflex time p0143 N78-20786
- Human exposure system for controlled ozone  
atmospheres  
[PB-276618/6] p0180 N78-22710
- Studies of reactivity of the organism using some  
pharmacological tests --- catecholamine  
metabolism and synthesis in humans p0184 N78-23711
- Human visual functions as related to mild  
vestibular stimuli p0185 N78-23717
- The transmission of vertical vibration to the  
heads and shoulders of seated men  
[RAE-TR-77068] p0189 N78-23750
- Perception of effort during constant work to  
self-imposed exhaustion p0246 N78-28782
- Auditory frequency selectivity and two-tone  
suppression in normal hearing human listeners p0308 N78-32697
- Three reports relevant to stress in aviation  
personnel p0308 N78-32699
- Experimental attempts to evoke a differential  
response to different stressors p0311 N78-32716
- The interaction between the utricles and the  
semicircular canals during eccentric rotation p0314 N78-33714
- HUMAN RESOURCES**
- Annotated bibliography of the Air Force Human  
Resources Laboratory technical reports-1976  
[AD-A051982] p0189 N78-23749
- Integration and application of human resource  
technologies in weapon system design p0255 N78-29756
- HUMAN TOLERANCES**
- Psychogenic G-force intolerance revisited p0079 A78-21747
- Effects of fixed versus variable reference  
frequencies on psychophysical judgments of  
vibration p0133 A78-29543
- Experimental study of some aspects of motion  
sickness pathology p0160 A78-35900
- The effect of the position of the axis of rotation  
on the discomfort caused by whole-body roll and  
pitch vibrations of seated persons p0195 A78-36816
- Individual variability and its effect on  
subjective and biodynamic response to whole-body  
vibration p0200 A78-39345
- Hormonal indices of tolerance to +Gz acceleration  
in female subjects --- personnel selection in  
Shuttle program p0215 A78-41162
- Hemodynamic mechanisms for maintaining maximal  
oxygen transport in the human organism p0219 A78-42664
- Behavioral and physiological correlates of varying  
noise environments: Annotated bibliography  
[PB-267565/0] p0007 N78-10698
- The relationship between the acoustic reflex and  
loudness discomfort in normal and sensorineural  
ears p0085 N78-16590
- Application and effectiveness of prophylactic  
devices in model experiments
- [NASA-TM-75074] p0088 N78-16609
- Heat stress, work function and physiological heat  
exposure limits in man p0146 N78-20767
- Human tolerance of repeated shocks p0174 N78-22667
- Effects on the human body of complex tests  
simulating flight conditions on the Salyut-4  
spacecraft p0176 N78-22682
- Human endurance of measured exercise in the  
presence of chronic hypercapnia p0185 N78-23718
- Effects of low-frequency (50 Hz) electromagnetic  
field on functional state of the human body p0186 N78-23725
- Effect of 6-day hypokinesia on oxygen metabolism  
indices in elderly and senile subjects  
[NASA-TM-75521] p0230 N78-27753
- Recurrent heat exposure: Effects on hormonal  
responses in resting and exercising men  
[AD-A050539] p0231 N78-27761
- Study of impact tolerance through free-fall  
investigations [PB-277537/7] p0234 N78-27780
- Pulmonary adaptation to high altitude  
[AD-A049857] p0246 N78-28783
- Effects of noise and hearing acuity upon visual  
depth perception and safety among humans  
[PB-280365/8] p0277 N78-30812
- The vibrating environment in transport vehicles:  
A critical bibliographical study --- human  
tolerance to vibratory loads p0285 N78-31738
- Effect of vibration duration on human discomfort  
--- passenger comfort and random vibration  
[NASA-TP-1283] p0311 N78-32717
- Advances in human internal radiation counting at  
Los Alamos: Multiple simultaneous in-vivo  
measurements [LA-UR-78-1063] p0315 N78-33721
- Effects of nitrogen dioxide on pulmonary function  
in human subjects [PB-281186/7] p0316 N78-33723
- HUMAN WASTES**
- NT SWEAT
- NT URINE
- HUMIDITY**
- Flight prototype CO2 and humidity control system  
[NASA-CR-151591] p0067 N78-15694
- HYBRID STRUCTURES**
- Control of a flexible manipulator arm p0260 A78-47541
- HYDRAULIC ACTUATORS**
- U HYDRAULIC EQUIPMENT
- HYDRAULIC EQUIPMENT**
- Analysis and synthesis of a fluid-powered  
intelligent industrial robot end effector with  
tactile sensors p0147 N78-20772
- HYDRAULIC HEATING SOURCES**
- U HEAT SOURCES
- U HYDRAULIC EQUIPMENT
- HYDRAULIC PUMPS**
- U HYDRAULIC EQUIPMENT
- HYDRAULIC SYSTEMS**
- U HYDRAULIC EQUIPMENT
- HYDRAULIC VALVES**
- U HYDRAULIC EQUIPMENT
- HYDRAULICS**
- Fifty minute in hydraulic weightlessness p0312 N78-33018
- HYDRAZINE ENGINES**
- Occupational hazards of missile operations with  
special regard to the hydrazine propellants p0140 A78-31843
- HYDRAZINES**
- Acute toxicity of selected hydrazines to the  
common guppy p0032 A78-15254
- Evaluation of an electrochemical detector for  
trace concentrations of hydrazine compounds in air  
--- space shuttle related toxic hazards  
[AD-A054636] p0250 N78-28811
- HYDROCARBON FUELS**
- NT FOSSIL FUELS
- HYDROCARBON POISONING**
- Toxicity of gaseous halogenated organic compounds.  
A bibliography with abstracts

## HYDROCARBONS

- [NTIS/PS-78/0600/3] p0310 N78-32712
- HYDROCARBONS**
- NT CAROTENE
- NT METHANE
- NT VINYLIDENE
- Fermentation and hydrocarbons [LBL-7270] p0275 N78-30800
- HYDROCYANIC ACID**
- Deuterolysis of amino acid precursors - Evidence for hydrogen cyanide polymers as protein ancestors p0024 A78-14127
- HYDRODYNAMICS**
- A model of blood flows studies p0178 N78-22698
- HYDROGEN**
- NT HYDROGEN IONS
- Sulfate reduction and methanogenesis in marine sediments p0081 A78-23474
- HYDROGEN COMPOUNDS**
- NT HYDROCYANIC ACID
- HYDROGEN CYANIDES**
- U HYDROCYANIC ACID
- HYDROGEN IONS**
- Evidence for cerebral extracellular fluid H<sup>+</sup>/ as a stimulus during acclimatization to hypoxia p0140 A78-32040
- HYDROGEN PRODUCTION**
- The problem of photosynthetic hydrogen p0051 A78-18521
- HYDROGENOLYSIS**
- Development of a non-cryogenic nitrogen/oxygen supply system --- for spacecraft environments [NASA-CR-151542] p0008 N78-10704
- HYDROMECHANICS**
- NT HYDRODYNAMICS
- HYDROSPHERE (EARTH)**
- U EARTH HYDROSPHERE
- HYDROXYCORTICOSTEROID**
- NT CORTISONE
- HYDROXYL COMPOUNDS**
- NT ALCOHOLS
- NT ETHYL ALCOHOL
- HYGIENE**
- Airport hygiene and epidemiology p0059 A78-20552
- Physiological hygiene studies --- for spacecraft environments p0193 A78-36629
- Silica dust test for respiratory protective devices [PB-278019/5] p0227 N78-26746
- HYPERBARIC CHAMBERS**
- Freezing of small animals during hyperbaric exposure - Theoretical and practical considerations p0058 A78-20542
- Disseminated intravascular coagulation developed in hyperbaric oxygen p0158 A78-35110
- Effects of hyperbaric oxygen and glutathione on mammalian liver metabolism p0242 A78-46412
- State of hypothalamo-hypophyseal neurosecretory system during hyperbaric oxygenation p0273 A78-49700
- A preliminary human engineering evaluation of hyperbaric control systems [AD-A044044] p0040 N78-12661
- Safety considerations in human engineering of hyperbaric equipment [AD-A046839] p0068 N78-15701
- Resistance to hyperbaric oxygenation and factors affecting it p0126 N78-19767
- The biomedical effects of the hyperbaric environment [AD-A047173] p0146 N78-20766
- HYPERCAPNIA**
- Mechanisms of hypercapnic pulmonary hypertension p0004 A78-12525
- Response of medullary respiratory neurons to hypercapnia and isocapnic hypoxia p0033 A78-15521
- Regulation of intracellular pH in lungs and other tissues during hypercapnia p0236 A78-43792
- Measurements of potassium changes in the cat carotid body under hypoxia and hypercapnia p0272 A78-49299

## SUBJECT INDEX

- Significance of glycolysis in tissues for the combined action of hypercapnia, hypoxia, and hypothermia p0294 A78-51662
- Criteria for quantitative evaluation of respiratory system responses p0302 A78-53790
- The biomedical effects of the hyperbaric environment [AD-A047173] p0146 N78-20766
- Human endurance of measured exercise in the presence of chronic hypercapnia p0185 N78-23718
- HYPEROXIA**
- Influence of systemic factors on hyperbaric oxygen toxicity in the rat visual system p0018 A78-13269
- Modifications of pulmonary surfactant under hyperbaric conditions in rats - Role of oxygen and diluting gas under partial pressure p0058 A78-20543
- The effect of chronic exposure to pure oxygen at normal pressure in the mucous-ciliary function of air passages p0059 A78-20549
- Influence of radioactivity or sulfur treatment on hyperoxia-induced pulmonary lesions in the rat p0060 A78-20558
- Tolerance and cross-tolerance using N<sub>2</sub> and O<sub>2</sub>. I - Toxicology and biochemistry p0130 A78-29030
- Tolerance and cross-tolerance using N<sub>2</sub> and O<sub>2</sub>. II - Pulmonary morphology and morphometry p0130 A78-29031
- Influence of hyperoxia /1 ATA/ on mouse brain GABA, glutamate, and glutamine p0133 A78-29558
- Blood gas tension and development of lung damage in mice exposed to oxygen at 1 ATA p0133 A78-29559
- Lack of protection against oxygen toxicity by in vivo protective agents in the isolated toad bladder p0157 A78-35102
- State of energy metabolism in albino rats under the action of increased oxygen concentrations p0160 A78-36123
- Response of the iron-deficient erythrocyte in the rat to hyperoxia p0192 A78-36605
- Influence of a GABA transaminase inhibitor on central nervous system oxygen toxicity --- gamma-aminobutyric acid induced convulsions p0214 A78-41160
- Heat losses and body temperature of albino rats during hyperoxia p0235 A78-43642
- Gas exchanges during exercise in normoxia and hyperoxia p0237 A78-43944
- Blood flow in rat brain during exposure to high oxygen pressure p0241 A78-46408
- State of hypothalamo-hypophyseal neurosecretory system during hyperbaric oxygenation p0273 A78-49700
- Normobaric hyperoxia: A new look p0246 N78-28779
- Protective effects of 2-aminobenzimidazole during hyperbaric oxygenation, and state of cerebral nitrogen metabolism p0307 N78-32687
- Hyperbaric oxygenation. A bibliography with abstracts [NTIS/PS-78/0676/3] p0316 N78-33724
- HYPERTENSION**
- Mechanisms of hypercapnic pulmonary hypertension p0004 A78-12525
- Hypertension in the civilian flying population - Significant or not p0080 A78-21748
- Treatment of hypertension in aviators - A clinical trial with Aldactazide p0134 A78-29564
- Effect of exercise on pre- and postcapillary resistance in the spontaneously hypertensive rat p0154 A78-33525
- Dynamics of heart contractions in dogs with experimental renal hypertension under hypoxic hypoxia conditions

## SUBJECT INDEX

## HYPOKINESIA

- Review of animal experiments --- noise effects on bodily functions other than hearing p0237 A78-44091
- Microvascular alterations in hypertension p0240 A78-45505
- Biofeedback and self-regulation in essential hypertension [AD-A046774] p0065 N78-15679
- Prevention of hypertensive states in ship crews out at sea p0066 N78-15687
- HYPERTHERMIA p0120 N78-18759
- Controlling human heat content - Method and application p0033 A78-15582
- Intravascular volume and tonicity as factors in the regulation of body temperature p0082 A78-23603
- Visual work capacity under the action of overloads and elevated temperature p0263 A78-47972
- A study of effects of hyperthermia on large, short-haired male dogs: A simulated air transport environmental stress [AD-A040432/7] p0005 N78-10683
- Temperature distribution in the human body under various conditions of induced hyperthermia [NASA-TM-75139] p0011 N78-11688
- Porcine Malignant hyperthermia: Studies on isolated muscle strips p0245 N78-28772
- HYPERTONIA
- U OSMOSIS
- HYPERTROPHY
- U GROWTH
- HYPERVENTILATION
- Effects of hypocapnia on psychomotor and intellectual performance p0241 A78-46405
- Oxygen consumption during constant-load exercise p0297 A78-52540
- HYPNOSIS
- Observed differences in learning ability of heart rate self-regulation as a function of hypnotic susceptibility p0047 A78-17219
- Psychological model of weightlessness in space flight simulation p0261 A78-47958
- Emotional state and orthostatic reactions p0262 A78-47960
- Suggestibility and characterological features of personality p0262 A78-47961
- Bioenergetics of control in the state of simulated weightlessness p0263 A78-47980
- HYPOBARIC ATMOSPHERES
- Low atmospheric pressure effects on wearing soft contact lenses p0079 A78-21746
- Comparison of exercise responses of males and females during acute exposure to hypobaria p0102 A78-26738
- Survivorship of Drosophila in nitrogen reduced hypobaric atmospheres --- spacecraft atmosphere studies p0157 A78-35109
- A comparison of exercise responses of males and females during acute exposure to hypobaria [AD-A045383] p0095 N78-17668
- HYPOCAPNIA
- Regulation of CSF /HCO<sub>3</sub>-/ during long-term hypoxic hypocapnia in man p0103 A78-26923
- Effects of hypocapnia on psychomotor and intellectual performance p0241 A78-46405
- HYPODYNAMIA
- Hypodynamia and the cardiovascular system --- Russian book p0197 A78-37884
- Study of the biological effects of long-term weightlessness in laboratory model experiments on mammals [NASA-TM-75076] p0085 N78-16585
- HYPOKINESIA
- The problem of self-regulation of posture --- vertical posture maintenance tests p0023 A78-13598
- Hypokinesia and readaptation /physiological aspects/ p0072 A78-21184
- Changes in protein metabolism during prolonged hypokinesia p0154 A78-33467
- The gastrointestinal tract in hypokinetic rats p0267 A78-48587
- Effect of hypokinesia on the contractile function and neural regulation of the heart p0302 A78-53789
- Study of the biological effects of long-term weightlessness in laboratory model experiments on mammals [NASA-TM-75076] p0085 N78-16585
- Dynamics and certain mechanisms in the changes of the skeletal-muscular system of man under bedrest conditions [NASA-TM-75073] p0088 N78-16608
- Parameters of acid-base equilibrium and enzymatic activity of blood in man during brief antiorthostatic hypokinesia p0110 N78-18687
- Lactate dehydrogenase isozymes of rat skeletal muscles following a space flight and with hypokinesia p0111 N78-18689
- Mucopolysaccharides and collagen of tissues in hypokinetic rats p0115 N78-18723
- Effect of prolonged hypokinesia on the course of acute aseptic inflammation p0119 N78-18747
- The rate of synthesis and decomposition of tissue proteins in hypokinesia and increased muscular activity [NASA-TM-75203] p0123 N78-19751
- Clinical aspects of changes in the nervous system in the course of 49-day antiorthostatic hypokinesia p0175 N78-22673
- Effect of physical loads on some parameters of lipid and carbohydrate metabolism during hypokinesia p0175 N78-22675
- Effect of seduxen on the course of experimental hypokinesia p0176 N78-22681
- Motor activity and prevention of consequences of hypokinesia (on the basis of indices of tissular metabolism) --- DNA RNA and protein content p0185 N78-23720
- Pathophysiological aspects of the problem of prolonged hypokinesia [NASA-TM-75112] p0224 N78-26724
- Some clinical aspects of prolonged clinostatic hypokinesia [NASA-TM-75114] p0224 N78-26725
- Contractile function of the myocardium with prolonged hypokinesia in patients with surgical tuberculosis [NASA-TM-75115] p0224 N78-26726
- Some features of the bioelectric activity of the muscles with prolonged hypokinesia [NASA-TM-75116] p0225 N78-26727
- Effect of prolonged hypokinesia on the water and fat content of the human body [NASA-TM-75522] p0230 N78-27752
- Effect of 6-day hypokinesia on oxygen metabolism indices in elderly and senile subjects [NASA-TM-75521] p0230 N78-27753
- Changes in the human blood coagulating system during prolonged hypokinesia [NASA-TM-75520] p0230 N78-27754
- Morphological study of hemopoietic organs of hypokinetic rats p0307 N78-32686
- Effects of weightlessness and hypokinesia on contractility of bundles of glycerin-treated rat muscle fibers p0307 N78-32689
- Electrolyte content of the myocardium, skeletal muscles and blood of rats during prolonged hypokinesia and readaption p0308 N78-32692
- Dynamics of afferent impulsation in posterior spinal radices of dogs with restricted movement p0308 N78-32696

## HYPOHETABOLISM

Ventilation and ergometric indices in young individuals afflicted with hypogonadism p0103 A78-27100

## HYPOTHALAMUS

Hypothalamic thermoregulatory pathways in the rat p0033 A78-15517

Generalized EEG changes in the rabbit during selective cooling and heating of the posterior hypothalamus p0072 A78-21195

Effect of electrical stimulation of posterior hypothalamus structures on the acetylcholinesterase activity of the cortical motor zone in health and under the action of pharmacological agents p0080 A78-22073

The hypothalamus and the visual system p0081 A78-22075

Characteristics of heat-sensitive neurons in the posterior hypothalamus p0081 A78-22498

Influence of local increase in the temperature of the anterior hypothalamus on the bioelectrical activity of the brain p0081 A78-22499

Response of neurons of associative nuclei in the thalamus during thermal action on the anterior hypothalamus and the skin p0156 A78-34784

Enhancement factor in the thermoregulatory system at varying ambient temperature p0156 A78-34787

Persistence of lateral hypothalamic-mediated behaviors after a supra-lethal dose of ionizing radiation p0214 A78-41159

Comparison of ontogenetic differences in the activity of mediatory-exchange ferments /monoamine oxydase and glutamate decarboxylase/ in the mitochondrial fractions of the cortical and hypothalamic regions p0238 A78-44275

State of hypothalamo-hypophyseal neurosecretory system during hyperbaric oxygenation p0273 A78-49700

Suprachiasmatic nuclei and Circadian rhythms. The role of suprachiasmatic nuclei on rhythmic activity of neurons in the lateral hypothalamic area, ventromedian nuclei and pineal gland [NASA-TM-75155] p0011 A78-11690

## HYPOTHERMIA

Controlling human heat content - Method and application p0033 A78-15582

Functioning of intramuscular peripheral hearts in the dog under conditions of general hypothermia p0084 A78-24595

Prediction of hypothermia in humans as a function of morphological characteristics and of environmental conditions p0132 A78-29298

Effect of clothing insulation beneath an immersion coverall on the rate of body cooling in cold water p0133 A78-29560

Laboratory comparison of techniques for rewarming hypothermic casualties p0157 A78-35105

Significance of glycolysis in tissues for the combined action of hypercapnia, hypoxia, and hypothermia p0294 A78-51662

Microwave hyperthermia and visually evoked potentials: Preliminary observations of guinea pigs p0166 A78-22596

Hypothermia. A bibliography with abstracts [NTIS/PS-78/0517/9] p0277 A78-30816

## HYPOTONIA

Susceptibility of the cat's visual system to hypoxia, hypotonia and circulatory arrest p0273 A78-49300

## HYPOVENTILATION

Ventilation and ergometric indices in young individuals afflicted with hypogonadism p0103 A78-27100

## HYPOXEMIA

Effects of acute prolonged hypoxia on cardiovascular dynamics in dogs

## HYPOXIA

p0033 A78-15518

Man at high altitude: The pathophysiology of acclimatization and adaptation --- Book p0002 A78-11957

Effect of sojourn at 3200-m altitude on spinal reflexes in young adult males p0018 A78-13268

High-altitude pulmonary edema p0019 A78-13505

Response of medullary respiratory neurons to hypercapnia and isocapnic hypoxia p0033 A78-15521

Beta-receptor influence on lung vasoconstrictor responses to hypoxia and humoral agents p0049 A78-18077

Potential of pulmonary vasoconstrictor response with repeated intermittent hypoxia p0050 A78-18078

DNA content in the lymph organs of rats during adaptation to hypoxia p0051 A78-18524

Blood flow velocity in brain capillaries during hypoxia p0053 A78-18562

Cabin pressurization and explosive decompression p0060 A78-20561

Efficiency of the myocardium after adaptation to hypoxia p0072 A78-21197

Effects of 6 hours hypoxic and cold exposure on urinary electrolyte and catecholamine excretion p0079 A78-21743

Influence of adaptation to hypoxia on the dependence of internal respiration on temperature and oxygen tension in vitro p0100 A78-26610

Comparison of exercise responses of males and females during acute exposure to hypobaria p0102 A78-26738

Effects of simulated altitude training on aerobic and anaerobic power p0103 A78-26746

Regulation of CSF /HCO<sub>3</sub>-/ during long-term hypoxic hypocapnia in man p0103 A78-26923

Heart rate response to isocapnic hypoxia in conscious man p0104 A78-27123

Dynamics of the relation between cell mediators of adrenergic and cholinergic systems /cAMP-cGMP/ in the mechanisms of adaptation to hypoxia p0104 A78-27440

A mathematical model of anaerobic energy metabolism for evaluating the mechanisms of oxygen debt formation p0105 A78-27713

Heart damage during emotional stress and prophylaxis of this effect with the aid of preliminary adaptation to high-altitude hypoxia p0106 A78-28123

Prevention of hypoxia-acceptable compromises --- in high altitude flight p0134 A78-29563

Compensatory and adaptive responses of the mesentery microcirculation bed in rats undergoing hypoxia p0137 A78-31250

Evidence for cerebral extracellular fluid H<sup>+</sup>/ as a stimulus during acclimatization to hypoxia p0140 A78-32040

Influence of hypoxia on the longitudinal distribution of pulmonary vascular resistance p0141 A78-32325

Acute and long-duration hypoxia --- Russian book p0155 A78-34156

Embryonic implantation, dietary intake, and plasma GH concentration in pregnant mice exposed to hypoxia p0157 A78-35104

Hypoxia, smoking history, and exercise --- at simulated altitudes p0161 A78-36155

Mechanism of the attenuated cardiac response to beta-adrenergic stimulation in chronic hypoxia p0191 A78-36601

Rat as a model for humanlike ventilatory adaptation to chronic hypoxia p0192 A78-36607

- Body fluid compartments in rabbits on exposure to acute hypobaric hypoxia --- with/without diuretic treatment  
p0215 A78-41163
- Optimal rate of work for mountaineers  
p0217 A78-42007
- Characteristics of variation of hemodynamics during high-altitude hypoxia  
p0219 A78-42665
- Effect of intermittent high altitude hypoxia on the synthesis of collagenous and non-collagenous proteins of the right and left ventricular myocardium  
p0235 A78-43747
- Dynamics of heart contractions in dogs with experimental renal hypertension under hypoxic hypoxia conditions  
p0237 A78-44091
- Investigation of the activity of isocitrate dehydrogenase and malate dehydrogenase in tissues of rats with different resistance to acute hypoxic hypoxia  
p0237 A78-44092
- The adaptation and the loss of adaptation of the myocardium of rats accustomed to hypoxia  
p0238 A78-44216
- Haematologic changes in rabbits during acclimatisation, deacclimatisation, and reinduction to hypoxia  
p0241 A78-46407
- Effects of increased ambient CO<sub>2</sub> on brain tissue oxygenation and performance in the hypoxic rhesus  
p0242 A78-46413
- Relationships between central and local mechanisms for regulation of hemodynamics  
p0242 A78-46452
- Cerebral energy state during or after hypoxia and complete or incomplete ischemia  
p0259 A78-47210
- Substrate effects on myocardial performance during normoxia and hypoxia  
p0261 A78-47949
- Hypoxia tolerance in rats in relation to tissue glycogen levels  
p0265 A78-48078
- Hypoxia survival variations in male and female mice as functions of chronological and environmental factors  
p0265 A78-48082
- Analysis of energy metabolism of a functioning heart during hypoxia and variations of functional loading  
p0270 A78-48754
- Measurements of potassium changes in the cat carotid body under hypoxia and hypercapnia  
p0272 A78-49299
- Susceptibility of the cat's visual system to hypoxia, hypotonia and circulatory arrest  
p0273 A78-49300
- Blood gases at several levels of oxygenation in rats with a left-shifted blood oxygen dissociation curve  
p0273 A78-50024
- Resting values of left ventricular work to coronary blood flow ratio in rats exposed to intermittent high altitude hypoxia and swimming  
p0292 A78-51299
- Significance of glycolysis in tissues for the combined action of hypercapnia, hypoxia, and hypothermia  
p0294 A78-51662
- A rheological model for research on cochlear hypoxia  
p0300 A78-53394
- Some indices of oxygen exchange and resistance of rats to acute hypoxia during posttransfusion polycythemia  
p0302 A78-53788
- A comparison of exercise responses of males and females during acute exposure to hypobaria  
p0039 A78-12652
- Effects of maturation and hypoxia on skeletal muscle  
p0085 A78-16584
- The effect of acute arterial hypoxia on the parameters of O<sub>2</sub> supply and demand in the resting gracilis muscle of the anesthetized dog  
p0085 A78-16589
- A comparison of exercise responses of males and females during acute exposure to hypobaria [AD-A045383]  
p0095 A78-17668
- Organism reactions to hypoxia following exposure to gamma radiation  
p0119 A78-18750
- Changes in circulating blood volume and filling of the brain and internal organs of rats following acute and chronic hypoxia  
p0120 A78-18756
- The physiology of restricted breathing  
p0143 A78-20747
- Functional reserves of the cardiac sympathetic system in the presence of hypoxia --- adrenergics  
p0185 A78-23719
- The combined effect of volatile products of thermal oxidation decomposition of lubricating oil and hypoxic hypoxia on the organism  
p0185 A78-23723
- Mechanism of the attenuated cardiac response to beta-adrenergic stimulation in chronic hypoxia [AD-A050147]  
p0231 A78-27762
- Hypoxic conditioning in kittens: Sleep-waking state and cardiorespiratory responses  
p0245 A78-28774
- The effect of high altitude on pyridine nucleotides and adenosine phosphates in the liver of the rat  
p0279 A78-31689
- Physiological measures of workloads: Correlations between physiological parameters and operational performance  
p0287 A78-31753
- Distinctions of radioprotective effect of acute hypoxia on 5-day-old mice preadapted to oxygen deficiency  
p0306 A78-32683
- Altitude hypoxia. A bibliography with abstracts [NTIS/PS-78/0443]  
p0310 A78-32711
- HYSTERESIS  
Hysteresis in human binocular fusion: A second look  
p0314 A78-33711
- IDEAL FLUIDS  
Small oscillations of an ideal fluid with consideration of mass forces in the elastic shell  
p0293 A78-51386
- IDENTIFYING  
Some modern control techniques for human operator modeling and identification  
p0182 A78-23022
- IFR (RULES)  
U INSTRUMENT FLIGHT RULES
- ILLUMINATION  
Illumination-dependent changes in the intrinsic fluorescence of bacteriorhodopsin  
p0267 A78-48578
- ILLUSIONS  
NT OCULOGRAPHIC ILLUSIONS  
NT OPTICAL ILLUSION  
Postural illusions experienced during Z-axis recumbent rotation and their dependence upon somatosensory stimulation of the body surface  
p0134 A78-29561
- Egocentric orientation is influenced by trained voluntary cyclorotary eye movements  
p0294 A78-51856
- Quantitative predictions of length in the Mueller-Lyer illusion as perceived by the human visual system [AD-A055706]  
p0317 A78-33732
- ILS (LANDING SYSTEMS)  
U INSTRUMENT LANDING SYSTEMS
- IMAGE CONTRAST  
Prediction of realistic visual tasks from image quality data  
p0053 A78-18714
- Research on visual acuity in color contrast --- for aircraft instrument displays  
p0058 A78-20540
- Theoretical limit to the contrast sensitivity of the human visual analyzer  
p0154 A78-33817
- Pattern thresholds for moving and stationary gratings during smooth eye movement  
p0211 A78-40578
- Perimetry of contrast detection thresholds of moving spatial sine wave patterns. I - The near peripheral visual field /eccentricity 0-8 deg/. II - The far peripheral visual field



# IMAGE ENHANCEMENT

# SUBJECT INDEX

/eccentricity 0-50 deg/. III - The target extent as a sensitivity controlling parameter. IV - The influence of the mean retinal illuminance p0217 A78-42473

The recognition of objects against a model of cosmic sky p0264 A78-47983

Contrast sensitivity during saccadic eye movements p0295 A78-51954

Complete adaptation to patterned stimuli - A necessary and sufficient condition for Weber's law for contrast p0295 A78-51956

Research on visual perception of complex and dynamic imagery [AD-A049127] p0124 N78-19753

Can attention be diverted? [RAE-LIB-TRANS-1936] p0181 N78-22715

Contrast sensitivity of the human visual system at one luminance level while adapted to a stimulus at another luminance level [AD-A055238] p0282 N78-31717

**IMAGE ENHANCEMENT**

Digital enhancement of computerized axial tomograms [NASA-TN-78974] p0279 N78-31690

Aeromedical implications of the X-Chrom lens for improving color vision deficiencies [AD-A054794] p0310 N78-32708

**IMAGE FILTERS**

The retinex theory of color vision p0034 A78-15903

**IMAGE INTENSIFIERS**

Prediction of realistic visual tasks from image quality data p0053 A78-18714

Autoradiographic image intensification - Applications in medical radiography p0216 A78-41539

**IMAGE MOTION COMPENSATION**

The loss of position constancy during pursuit eye movements p0137 A78-30738

**IMAGE PROCESSING**

Thematic filtering algorithms and their use in recognition of complex images p0156 A78-34962

Implications of spatial summation models for processes of contour perception - A geometric perspective p0221 A78-43183

Sensory information processing [AD-A047200] p0089 N78-16618

ORIS: The Oak Ridge Imaging System program listings [ORNL/TN-5875-V3] p0283 N78-31722

**IMAGERY**

NT ACOUSTICAL HOLOGRAPHY

NT ANGIOGRAPHY

NT AUTORADIOGRAPHY

NT CINEMATOGGRAPHY

NT COLOR PHOTOGRAPHY

NT RADIOGRAPHY

NT STEREOPHOTOGRAPHY

NT TOMOGRAPHY

Diagnostic improvements in medical ultrasonic imaging systems p0281 N78-31710

**IMAGES**

NT AFTERIMAGES

NT RETINAL IMAGES

How big the moon, how fat the eye? [AD-A050211] p0149 N78-21756

**IMAGING TECHNIQUES**

NT IMAGE ENHANCEMENT

Shadow method of simulating the visual conditions for flight simulators and pilot trainers p0056 A78-19734

New imaging systems in nuclear medicine [COO-3333-30] p0124 N78-19754

Design and construction of the Donner 280-crystal positron ring for dynamic transverse section emission imaging [LBL-5679] p0283 N78-31721

**IMMERSION**

U SUBMERGING

**IMMITTANCE**

U ELECTRICAL IMPEDANCE

**IMMUNITY**

Effect of space flight on cell-mediated immunity p0018 A78-13270

Radiobiological aspects of high altitude flight: Relative biological effectiveness of fast neutrons in suppressing immune capacity to an infective agent [AD-A053204] p0230 N78-27756

**IMMUNOLOGY**

Current status of immunotherapy. I - Immunosuppressive therapy p0020 A78-13513

A study of humoral immunity - /Immunoglobulines IgA, IgG, and IgM/ in the navigation personnel of a civil aviation society as a function of age and the frequency of certain vaccinations p0059 A78-20551

Characterization and study of the mechanism of the thymus factor /thymarine/ p0241 A78-45988

Effect of gravity on lymphocyte activation p0267 A78-48604

Cellular immune response: Experiment MA-031 p0092 N78-17104

Immunological reactivity and prediction of allergic complications in the crew of the second expedition of Salyut-4 p0183 N78-23710

Distinctive reactions of the body's immunological system to the combined effects of physical and chemical environmental factors p0186 N78-23727

Methods for microbiological and immunological studies of space flight crews [NASA-TN-58185] p0251 N78-29725

**IMPACT ACCELERATION**

Response of endocrine glands to the directional action of impulsive acceleration p0072 A78-21372

Comprehensive, three-dimensional head-neck model for impact and high-acceleration studies p0075 A78-21716

Prediction of head/neck dynamic response of selected military subjects to -G/x/ acceleration p0075 A78-21717

Predictive model of dynamic response of the human head/neck system to -G/x/ impact acceleration p0076 A78-21718

Acute leukocytic reactions to impact accelerations p0119 N78-18752

Dynamic response of human and primate head and neck to lateral Gy impact statement [PB-275448/9] p0146 N78-20770

Research in support of joint Army-Navy air crew impact injury prevention program [AD-A053437] p0233 N78-27775

**IMPACT DECELERATION**

U IMPACT ACCELERATION

**IMPACT PREDICTION**

Symposium on Biodynamic Models and their Applications, 2nd, Dayton, Ohio, February 15-17, 1977, Proceedings p0073 A78-21701

Nonlinear numerical prediction of human head/helmet crash impact response p0073 A78-21702

Application of a fluid-filled spherical sandwich shell as a biodynamic head injury model for primates p0073 A78-21703

Evaluation of biomechanical response and potential injury from thoracic impact p0073 A78-21704

Biodynamic finite element models used in brain injury research p0074 A78-21705

Finite element dynamic structural model of the human thorax for chest impact response and injury studies p0074 A78-21706

Theory and application of a three-dimensional model of the human spine p0074 A78-21708

Distribution of spinal disc pressures in the seated posture subjected to impact p0074 A78-21709

Systems identification scheme for the estimation of the linear viscoelastic properties of the intervertebral disc p0074 A78-21711

Biodynamic model of a parachutist p0075 A78-21712

## SUBJECT INDEX

## INDUSTRIAL SAFETY

- Validation of the CALSPAN gross-motion-simulation code with actually occurring injury patterns in aircraft accidents  
p0075 A78-21714
- Mathematical modeling of the head and neck response to -G/x/ impact acceleration /minimum articulation requirements/  
p0075 A78-21715
- IMPACT RESISTANCE**  
Service life analysis of the SPH-4 aviator helmet  
p0018 A78-13271
- IMPACT SENSITIVITY**  
**U IMPACT RESISTANCE**
- IMPACT TESTS**  
Whole body response of the hybrid 3 anthropomorphic test device  
[PB-268702/8]  
p0008 N78-10708  
Validation studies for head impact injury model  
[PB-272285/8]  
p0063 N78-14790  
Helmet cold conditioning: Correlation of structural temperatures in actual and simulated cold environments  
[AD-A050033]  
p0151 N78-21769  
Functional state of the rat liver under the primary deleterious effect of impact accelerations  
p0175 N78-22677  
The influence of strain rate on the mechanical properties of human skin and subcutaneous tissue  
p0179 N78-22700  
Computer simulation of human thoracic skeletal response: Abstract summary report  
[PB-276705/1]  
p0180 N78-22708  
Computer simulation of human thoracic skeletal response-theory, volume 1  
[PB-276706/9]  
p0180 N78-22709  
Safety helmet-head interaction study using high-speed cineradiography  
[PB-277289]  
p0209 N78-25772
- IMPACT TOLERANCES**  
Study of impact tolerance through free-fall investigations  
[PB-277537/7]  
p0234 N78-27780
- IMPEDANCE**  
NT ELECTRICAL IMPEDANCE  
NT MECHANICAL IMPEDANCE  
NT RESPIRATORY IMPEDANCE  
NT SKIN RESISTANCE
- IMPEDANCE MEASUREMENTS**  
Attempt at the detection of muscular bubbles through measurement of bioelectric impedance - First experimental results with affected rats and dogs  
p0058 A78-20541  
Noninvasive determination of bone stiffness  
p0177 N78-22687
- IMPEDANCE PROBES**  
Noninvasive determination of bone stiffness  
p0177 N78-22687
- IMPLANTATION**  
A subcutaneous channeling probe for implanting long leads  
p0294 A78-51872  
The use of an ion-beam source to alter the surface morphology of biological implant materials  
[NASA-TN-78851]  
p0169 N78-22618  
Bioelectrodes as sensors and as power sources for implantable medical devices  
[BMPT-PB-T-77-44]  
p0253 N78-29736
- IMPLANTED ELECTRODES (BIOLOGY)**  
Subcortical links of optimization of intellectual-mnemonic human activity  
p0052 A78-18536  
Method for recording the impulsive activity of the cortex of the human brain  
p0053 A78-18540  
Implantable electromagnetic field probes in finite biological bodies  
p0086 N78-16593  
Effect of surface texture by ion beam sputtering on implant biocompatibility and soft tissue attachment  
[NASA-CR-135311]  
p0109 N78-18672  
Totally implantable bidirectional pulsed Doppler blood flow telemetry: Integrated ultrasonic receiver, diameter detection, and volume flow estimation  
p0144 N78-20753  
CV 990 interface test and procedure analysis of the monkey restraint, support equipment, and telemetry electronics proposed for Spacelab  
[NASA-TN-78484]  
p0228 N78-27736  
Implantable telemetry system for intracranial pressure monitoring and its application for acetazolamide study  
p0229 N78-27743
- IMPULSES**  
Nerve form and function: Some cellular aspects of action potential initiation and propagation  
p0112 N78-18698
- IN-FLIGHT MONITORING**  
Detection by pilots of system failures during instrument landings  
p0049 A78-17740  
Medical monitoring and prognosis of cosmonauts during flight  
p0193 A78-36632  
Workload and fatigue-in-flight EEG changes  
p0298 A78-52640  
Models for interrupted monitoring of a stochastic process  
[NASA-TN-78453]  
p0066 N78-15690  
In-flight recording of helicopter pilot activity --- head and hand movements  
p0090 N78-16624  
Evaluating the work load of helicopter pilots. In-flight recordings of heart rate and cardiac arrhythmia  
p0090 N78-16626  
Main results of medical research conducted during the flight of two crews on the Salyut-5 orbital station  
p0110 N78-18684  
Methods of studying inflight pilot performance  
p0124 N78-19757  
Human monitoring and control behavior models and experiments  
[NLR-TR-77010-U]  
p0226 N78-26737  
Human control and monitoring-models and experiments  
[NLR-MP-76015-U]  
p0256 N78-29763  
Urine monitoring system failure analysis and operational verification test report  
[NASA-CR-151828]  
p0278 N78-30820  
Preliminary analysis of available inflight respiratory data  
[AD-A054241]  
p0278 N78-30823  
Is man the weakest link? --- real time activity recording of aircrew workloads  
p0286 N78-31746
- INCOMPRESSIBLE FLUIDS**  
NT MICROPOLAR FLUIDS
- INCONEL (TRADEMARK)**  
Storability investigations of water long-term storage evaluation  
[AD-A049189]  
p0127 N78-19776
- INDEPENDENT VARIABLES**  
The psychophysical tuning curve: A parametric study  
p0276 N78-30807
- INDEXES (RATIOS)**  
Investigation of an alternative response task for synthetic sentence index  
p0232 N78-27768
- INDICATING INSTRUMENTS**  
NT POSITION INDICATORS
- INDUCED FLUID FLOW**  
U FLUID FLOW
- INDUCTANCE**  
An inductively powered telemetry system for temperature, EKG, and activity monitoring  
[NASA-TN-78486]  
p0183 N78-23706
- INDUCTION**  
The adjacency principle in visual perception  
p0153 A78-32845
- INDUSTRIAL MANAGEMENT**  
NT PERSONNEL MANAGEMENT
- INDUSTRIAL SAFETY**  
Materials safety data sheets: The basis for control of toxic chemicals, volume 2  
[ORNL/TN-5722]  
p0044 N78-13729  
Heat stress, work function and physiological heat exposure limits in man  
[AD-A050008]  
p0146 N78-20767  
Causes of death following occupational exposure to microwave radiation (radar) 1950 - 1974  
p0168 N78-22614  
Information profiles on potential occupational hazards  
[PB-276678/0]  
p0180 N78-22712

- Evaluation of hygienic significance of electric field of power lines in populated areas  
p0187 N78-23731
- Biological effects of manganese  
[PB-277169] p0203 N78-24787
- Occupational exposure to decomposition products of fluorocarbon polymers. Criteria for a recommended standard  
[DHEW/PUB/NIOSH-77/193] p0204 N78-24788
- Occupational exposure to polychlorinated biphenyls (PCBS). Criteria for a recommended standard  
[DHEW/PUB/NIOSH-77/225] p0204 N78-24789
- Occupational exposure to refined petroleum solvents. Criteria for a recommended standard  
[DHEW/PUB/NIOSH-77/192] p0204 N78-24790
- Occupational exposure to vanadium. Criteria for a recommended standard  
[DHEW/PUB/NIOSH-77/222] p0204 N78-24791
- Occupational exposure to tungsten and cemented tungsten carbide  
[DHEW/PUB/NIOSH-77/127] p0204 N78-24792
- Proceedings of the international occupational hand-arm vibration conference  
[DHEW/PUB/NIOSH-77/170] p0205 N78-24799
- Protective clothing. Part 4: Industrial environments. A bibliography with abstracts  
[WTIS/PS-78/0374/5] p0251 N78-28815
- Translations on USSR science and technology: Biomedical and Behavioral sciences, no. 39  
[JPBS-71569] p0280 N78-31697
- Air pollution assessment of vinylidene chloride  
[PB-280624/8] p0310 N78-32714
- INDUSTRIAL WASTES**
- Biochemical oxygen demand, volume 2. A bibliography with abstracts  
[WTIS/PS-78/0574/0] p0275 N78-30801
- Biochemical oxygen demand, volume 3. A bibliography with abstracts  
[WTIS/PS-78/0575/7] p0276 N78-30802
- INDUSTRIES**
- State-of-the-art in adaptable-programmable assembly systems  
[PB-270054/0] p0015 N78-11718
- INERT GASES**
- U RARE GASES
- INERTIA**
- NT INERTIA PRINCIPLE
- INERTIA PRINCIPLE**
- Inertia forces of robots and manipulators  
p0136 A78-30503
- INFARCTION**
- NT MYOCARDIAL INFARCTION
- INFECTIONS**
- U INFECTIOUS DISEASES
- INFECTIOUS DISEASES**
- NT TUBERCULOSIS
- Airport hygiene and epidemiology  
p0059 A78-20552
- Microbial exchange: Experiment AR-002  
p0092 N78-17103
- Polymorphonuclear leukocyte response: Experiment RA-032  
p0092 N78-17105
- Effect of prolonged hypokinesia on the course of acute aseptic inflammation  
p0119 N78-18747
- Periodic activity of natural foci of plague and its causes  
p0163 N78-22567
- The epidemic process as a function of solar activity  
p0163 N78-22568
- Effect of heliogeophysical factors on the evolution of infectious diseases of man  
p0163 N78-22569
- INFLATABLE DEVICES**
- U INFLATABLE STRUCTURES
- INFLATABLE STRUCTURES**
- Breathing effects of a parachute harness secured over an inflated lifejacket  
p0201 A78-39673
- Inflatable body and head restraint  
[AD-A046477] p0068 N78-15702
- Emergency space-suit helmet  
[NASA-CASE-HSC-10954-1] p0121 N78-18761
- INFORMATION DISSEMINATION**
- Evoked cortical potentials and information processing  
[AD-A048647] p0120 N78-18760
- INFORMATION RETRIEVAL**
- Some problems in assessing oculomotor activity during information retrieval  
p0150 N78-21763
- Preliminary design of an accident information Retrieval System (AIRS)  
[AD-A055590] N78-31952
- INFORMATION SYSTEMS**
- Knowledge-based adaptive curriculum sequencing for CAI: Application of a network representation  
[AD-A047090] p0089 N78-16619
- INFORMATION THEORY**
- Chance and the origin of life --- chemical evolution on early earth  
p0138 A78-31376
- Theoretical limit to the contrast sensitivity of the human visual analyzer  
p0154 A78-33817
- Construction and investigation of an information model of the process of approach of piloted spacecraft  
p0241 A78-46082
- INFRARED DETECTORS**
- NT FLIR DETECTORS
- INFRARED INSTRUMENTS**
- NT FLIR DETECTORS
- INFRARED LASERS**
- Retinal tissue damage induced by single ultrashort 1060 nm laser light pulses  
p0292 A78-51078
- Corneal damage thresholds for infrared laser exposure: Empirical data, model predictions, and safety standards  
[AD-A049946] p0253 N78-29739
- Development and evaluation of an ultrasonic imaging system  
[PB-279834/6] p0284 N78-31729
- INFRARED MASERS**
- U INFRARED LASERS
- INFRARED RADIATION**
- New types of microwave diathermy applicators: Comparison of performance with conventional types  
p0168 N78-22608
- INFRASONIC FREQUENCIES**
- Effects of infrasound on cognitive performance  
p0139 A78-31842
- INGESTION (BIOLOGY)**
- NT DRINKING
- NT EATING
- INHABITANTS**
- NT MOUNTAIN INHABITANTS
- INHALATION**
- U RESPIRATION
- INHIBITORS**
- The role of monamine oxidase inhibition in the acute toxicity of chlordimeform  
[AD-A045507] p0093 N78-17656
- INJURIES**
- NT BACK INJURIES
- NT BAROTRAUMA
- NT BRAIN DAMAGE
- NT BURNS (INJURIES)
- NT CRASH INJURIES
- NT EJECTION INJURIES
- NT LESIONS
- NT NOISE INJURIES
- NT PARACHUTING INJURY
- NT PULMONARY LESIONS
- NT RADIATION INJURIES
- Clinical and physiological aspects of the evacuation of the wounded and the sick by air transport  
p0054 A78-18923
- Inquest after a civil aviation accident - Personal experience  
p0257 A78-46956
- A finite element head injury model. Computer program documentation  
[AD-A043582] p0012 N78-11693
- A finite element head injury model. Theory, development, and results  
[AD-A043605] p0012 N78-11694
- Modeling and control of the human head-neck response under impact acceleration  
p0062 N78-14785
- Validation studies for head impact injury model  
[PB-272285/8] p0063 N78-14790
- Electrical enhancement of healing in combat injuries to hard and soft tissues

## SUBJECT INDEX

## INVERTEBRATES

- [AD-A055531] p0282 N78-31718  
**INORGANIC COMPOUNDS**  
 NT AMMONIA  
**INSECTICIDES**  
 Topical hazard evaluation program of candidate insect repellent AI3-36331, US Department of Agriculture propriety compound [AD-A054216] p0253 N78-29741  
 Toxicological evaluation of Pyrethrins Fogging Concentrate (trade name) study No. 51-1309-78 [AD-A055088] p0282 N78-31715  
**INSECTS**  
 NT BEES  
 NT DROSOPHILA  
 NT LARVAE  
**INSENSITIVITY**  
 U SENSITIVITY  
**INSPIRATION**  
 Breathing pattern in men during inspiratory elastic loads p0302 A78-53712  
**INSTRUCTIONS**  
 U EDUCATION  
**INSTRUCTORS**  
 Instructor and student pilots' subjective evaluation of a general aviation simulator with a terrain visual system [NASA-TM-78698] p0189 N78-23746  
**INSTRUMENT APPROACH**  
 Applications of pilot scanning behavior to integrated display research p0056 A78-19430  
 Image of flight article discussed --- spatial orientation perception by flight crews flight training p0182 N78-22732  
**INSTRUMENT FLIGHT RULES**  
 Flight performance and pilot workload in helicopter flight under simulated IMC employing a forward looking sensor p0223 N78-26055  
 Verbal prescriptive rules in cognitive pretraining for the vertical S-A training maneuver [AD-A050971] p0254 N78-29749  
 adaptation of time line analysis program to single pilot instrument flight research [NASA-TM-78748] p0317 N78-33731  
 Visual performance/workload of helicopter pilots during instrument flight [AD-A055424] p0318 N78-33738  
**INSTRUMENT LANDING SYSTEMS**  
 Detection by pilots of system failures during instrument landings p0049 A78-17740  
 And what is the limit of the minimum --- pilot factor during instrument landing p0073 A78-21475  
 Contributions regarding work load measurement and learning behavior in simulated STOL approaches --- German book p0296 A78-52499  
**INSTRUMENT ORIENTATION**  
 A layout designer's data projection reticle --- for optimum indicator instrument location in aircraft p0054 A78-18823  
**INSTRUMENTAL ANALYSIS**  
 U AUTOMATION  
**INSTRUMENTATION**  
 U INSTRUMENTS  
**INSTRUMENTS**  
 Advanced instrumentation concepts for environmental control subsystems [NASA-CR-152100] p0250 N78-28807  
**INSULATION**  
 NT THERMAL INSULATION  
**INSULIN**  
 Insulin and glucose responses during bed rest with isotonic and isometric exercise p0053 A78-18574  
**INTEGRAL EQUATIONS**  
 Relationships among Green's theorem, Helmholtz' theorem, and integral equation methods of solving the forward ECG problem p0196 A78-37152  
**INTEGRAL TRANSFORMATIONS**  
 NT FOURIER TRANSFORMATION  
**INTEGRATED CIRCUITS**  
 A miniature integrated circuit accelerometer for biomedical applications p0229 N78-27748  
**INTEGRODIFFERENTIAL EQUATIONS**  
 U INTEGRAL EQUATIONS  
**INTELLIGENCE**  
 NT ARTIFICIAL INTELLIGENCE  
 Polymers to living cells - Molecules against entropy p0198 A78-38449  
**INTELLIGIBILITY**  
 NT SPEECH RECOGNITION  
**INTENSIFIER TUBES**  
 U IMAGE INTENSIFIERS  
**INTENSIFIERS**  
 NT IMAGE INTENSIFIERS  
**INTERCEPTOR AIRCRAFT**  
 U FIGHTER AIRCRAFT  
**INTERFERENCE MONOCHROMATIZATION**  
 U MONOCHROMATIZATION  
**INTERFEROGRAMS**  
 U INTERFEROMETRY  
**INTERFEROMETRY**  
 Dynamics of the amphibian middle ear p0131 A78-29247  
**INTERNAL STRESS**  
 U RESIDUAL STRESS  
**INTERPLANETARY SPACECRAFT**  
 NT VIKING LANDER SPACECRAFT  
 NT VIKING LANDER 1  
**INTERSTELLAR CHEMISTRY**  
 Interstellar grains as possible cold seeds of life p0002 A78-11590  
**INTERSTELLAR MATTER**  
 Interstellar dust grains as possible cold germs of life p0137 A78-30840  
**INTERVERTEBRAL DISKS**  
 Distribution of spinal disc pressures in the seated posture subjected to impact p0074 A78-21709  
 Systems identification scheme for the estimation of the linear viscoelastic properties of the intervertebral disc p0074 A78-21711  
 On the mechanical properties of the human intervertebral disc [AD-A053036] p0247 N78-28787  
 The lumbosacral segment as a vulnerable region in various postures [NASA-TM-75579] p0314 N78-33713  
**INTESTINES**  
 Absorptive function of the small intestine during administration of the aerovit drug under motion-sickness conditions p0160 A78-36124  
**INTOXICATION**  
 The need for drug and alcohol programs that are unique to military organizations p0094 N78-17659  
 Diagnosis of Alcoholism: The Munich Alcoholism Test (MAT) p0094 N78-17662  
**INTRACRANIAL PRESSURE**  
 Empirical model of intracranial pressure and head motion resulting from a vibrating seated rhesus p0076 A78-21720  
 Implantable telemetry system for intracranial pressure monitoring and its application for acetazolamide study p0229 N78-27743  
**INTRAOCULAR PRESSURE**  
 Sudden loss of consciousness in pilots with low intraocular pressure during exposure to G forces p0117 N78-18737  
**INTRAVEHICULAR ACTIVITY**  
 New dimensions for man --- human functions in future space missions [AIAA PAPER 78-325] p0084 A78-24019  
**INTROVERSION**  
 The effect of extraversion/introversion on the consolidation processes related to the retention of verbal material p0025 A78-14499  
**INVERSIONS**  
 NT CENTRIFUGING STRESS  
**INVERTEBRATES**  
 NT ARTEMIA  
 NT ARTHROPODS  
 NT BEES  
 NT DROSOPHILA

## INVESTIGATION

## SUBJECT INDEX

- NT LARVAE  
NT SPORES  
INVESTIGATION  
NT AIRCRAFT ACCIDENT INVESTIGATION  
INVISIBILITY  
U VISIBILITY  
INVOLUNTARINESS  
U INVOLUNTARY ACTIONS  
INVOLUNTARY ACTIONS  
Alterations of postural and Valsalva responses in coronary heart disease p0055 A78-19146
- IODINE  
Iodine generator for reclaimed water purification [NASA-CASE-MSC-14632-1] p0062 N78-14784  
Disposal of radioactive iodine in space [NASA-TF-1313] p0285 N78-31740
- ION ACCELERATORS  
Dedicated medical ion accelerator design study [LBL-7230] p0248 N78-28791
- ION BEAMS  
Depth-dose relations for heavy ion beams p0201 A78-39700  
Effect of surface texture by ion beam sputtering on implant biocompatibility and soft tissue attachment [NASA-CR-135311] p0109 N78-18672  
The use of an ion-beam source to alter the surface morphology of biological implant materials [NASA-TM-78851] p0169 N78-22618
- ION CHAMBERS  
U IONIZATION CHAMBERS
- ION CONCENTRATION  
Plasma /Na<sup>+</sup>/, /Ca<sup>++</sup>/, and volume shifts and thermoregulation during exercise in man p0053 A78-18573  
Electrolyte content of blood and potassium ion transport in erythrocytes of animals exposed to a steady magnetic field p0116 N78-18727
- ION CURRENTS  
NT ION BEAMS  
Effect of constant magnetic field on resting potential, ionic conductivity and neuromuscular transmission in smooth muscles p0081 A78-22074
- ION EXCHANGE MEMBRANE ELECTROLYTES  
Physics of the nerve impulse p0081 A78-23498  
Synaptic transmission in muscles and mechanisms of mediator action p0106 A78-28096  
Multichambered self-oscillating models of biological systems with nonspecific inhibition of active transport p0213 A78-41009  
Measurements of potassium changes in the cat carotid body under hypoxia and hypercapnia p0272 A78-49299
- ION EXCHANGING  
Calcium binding in cerebral tissue p0168 N78-22612
- IONIC CONDUCTIVITY  
U ION CURRENTS
- IONIZATION  
NT ATMOSPHERIC IONIZATION  
IONIZATION CHAMBERS  
Primary medium energy exposure standard: Comparison between ISS and BIPM p0145 N78-20761
- IONIZATION COUNTERS  
U IONIZATION CHAMBERS  
U RADIATION COUNTERS
- IONIZATION POTENTIALS  
An investigation of the reduction of carbon dioxide in a silent electric discharge [NASA-CR-152146] p0209 N78-25767
- IONIZED GASES  
NT HEAVY NUCLEI  
Air ions and human performance p0195 A78-36677
- IONIZING RADIATION  
NT COSMIC RAYS  
NT FAR ULTRAVIOLET RADIATION  
NT GAMMA RAYS  
NT NEAR ULTRAVIOLET RADIATION  
NT ULTRAVIOLET RADIATION  
NT X RAYS
- Apollo-Soyuz light-flash observations --- ionizing radiation effects measurement p0029 A78-15191  
Cellular glutathione is a key to the oxygen effect in radiation damage p0099 A78-25561  
Persistence of lateral hypothalamic-mediated behaviors after a supralethal dose of ionizing radiation p0214 A78-41159  
Evaluating the effects of low-level chronic exposures [BNWL-SA-5992] p0089 N78-16614  
Combined effect of weightless and ionizing radiation of rats: Results of morphological studies p0124 N78-19759  
Effects of space flights and concomitant radiation on amino acid metabolism in rat skeletal muscles p0125 N78-19761  
Some contributions from the Radiation Laboratory to the 20th National Congress of the Italian Association of Health Physics and Radiation Protection --- conference proceedings [ISS-P-77/10] p0145 N78-20759  
Biological effects of low levels of radiation exposure --- from consumer products [UR-3490-1072] p0146 N78-20768  
Biological effects of ionizing radiation at the molecular, cellular, and organismal levels [TID-28055] p0223 N78-26718  
BEIRHOD, a computer program for calculating the effects of exposure to ionizing radiation [PB-279584/7] p0254 N78-29747  
Dependence of the reaction of the human nervous system on the distribution of absorbed doses of ionizing radiation p0280 N78-31704  
Late biological effects of ionizing radiation as influenced by dose, dose rate, age at exposure, and genetic sensitivity to neoplastic transformation [LA-UR-78-681] p0283 N78-31724  
Distinctions of radioprotective effect of acute hypoxia on 5-day-old mice preadapted to oxygen deficiency p0306 N78-32683  
The preventive role of ultraviolet radiation during exposure to ionizing radiation [NASA-TM-75106] p0314 N78-33710
- IONOSPHERIC ABSORPTION  
U ELECTROMAGNETIC ABSORPTION
- IONS  
NT HEAVY IONS  
NT HYDROGEN IONS  
NT PROTONS  
Research report on the physiological effects of air ions and their significance as environmental factors [NASA-TM-75086] p0123 N78-19752
- IP (IMPACT PREDICTION)  
U COMPUTERIZED SIMULATION
- IRASERS  
U INFRARED LASERS
- IRON  
Response of the iron-deficient erythrocyte in the rat to hyperoxia p0192 A78-36605  
Analysis of iron content in individual human red blood cells by electron microprobe and scanning electron microscope p0011 N78-11683  
Copper, molybdenum, iron and manganese metabolism in rat tissues in response to a 50 Hz electric field p0187 N78-23730
- IRON ALLOYS  
NT STAINLESS STEELS
- IRON COMPOUNDS  
Research and development of a luminol-carbon monoxide flow system [NASA-CR-156832] p0305 N78-32671
- IROQUOIS HELICOPTER  
U UH-1 HELICOPTER
- IRRADIATION  
NT NEUTRON IRRADIATION  
NT X RAY IRRADIATION  
Far UV irradiation of model prebiotic atmospheres p0056 A78-19367

# SUBJECT INDEX

# KIDNEYS

The description of a system to irradiate cells in culture with microwaves p0167 N78-22607

Effects of repeated microwave irradiations to the albino rabbit eye p0168 N78-22615

BEIRMOD, a computer program for calculating the effects of exposure to ionizing radiation [PB-279584/7] p0254 N78-29747

Methods of irradiating biological objects and results of dosimetry onboard the Kosmos-690 satellite p0306 N78-32680

**IRREVERSIBLE PROCESSES**  
The importance of the Myocardial Depressant Factor (MDF) for the occurrence of irreversible shock. A literature study [NBL-1977-5] p0253 N78-29743

**IRRITATION**  
**NT TOXICITY AND SAFETY HAZARD**  
**ISCHEMIA**  
Effects of acute hyperkalemia on cardiac excitability p0034 A78-15955

Myocardial contracture and accumulation of mitochondrial calcium in ischemic rabbit heart p0055 A78-19145

Noninvasive analysis of regional myocardial wall motion Cardiokymography p0055 A78-19147

Chronoinotropic reserves of the myocardium p0218 A78-42655

Contribution to the diagnosis of painless ischemic cardiopathy in flight personnel p0257 A78-46957

Cerebral energy state during or after hypoxia and complete or incomplete ischemia p0259 A78-47210

**ISING MODEL**  
**U MATHEMATICAL MODELS**

**ISOLATION**  
**NT SOCIAL ISOLATION**  
**ISOLATORS**  
**NT VIBRATION ISOLATORS**

**ISOMERIZATION**  
A critical evaluation of the application of amino acid racemization to geochronology and geothermometry p0026 A78-14682

**ISOTONICITY**  
Insulin and glucose responses during bed rest with isotonic and isometric exercise p0053 A78-18574

**ISOTOPES**  
**NT CARBON ISOTOPES**  
**NT KRYPTON ISOTOPES**  
**NT RADIOACTIVE ISOTOPES**  
**NT THALLIUM ISOTOPES**  
**NT TUNGSTEN ISOTOPES**

**ISOTOPIC LABELING**  
Deuterolysis of amino acid precursors - Evidence for hydrogen cyanide polymers as protein ancestors p0024 A78-14127

**ITALY**  
Radio protection and diagnosis with X-rays p0145 N78-20760

**NEXT** program for evaluating the patient dosage: First results for some X ray diagnostics installations p0145 N78-20762

**J**

**JEEPS**  
**U AUTOMOBILES**

**JET AIRCRAFT**  
**NT BOEING 720 AIRCRAFT**  
**NT BOEING 737 AIRCRAFT**  
**NT BOEING 747 AIRCRAFT**  
**NT C-135 AIRCRAFT**  
**NT CONCORDE AIRCRAFT**  
**NT F-4 AIRCRAFT**  
**NT F-104 AIRCRAFT**  
**NT F-3 AIRCRAFT**  
**NT T-37 AIRCRAFT**  
**NT YAK 40 AIRCRAFT**  
Trouble shooting pattern of emergency through instruments by jet-pilots. I p0001 A78-10194

CV 990 interface test and procedure analysis of the monkey restraint, support equipment, and telemetry electronics proposed for Spacelab [NASA-TN-78484] p0228 N78-27736

**JET AIRCRAFT NOISE**  
Effect of high-intensity impulse noise on the hearing organ --- jet engine noise effects p0103 A78-27098

**JET FLIGHT**  
**U JET AIRCRAFT**  
**JET NOISE**  
**U JET AIRCRAFT NOISE**  
**JET PILOTS**  
**U AIRCRAFT PILOTS**  
**JET PUMPS**  
Jet pump assisted arterial heat pipe [AIAA 78-443] p0158 A78-35622

**JITTER**  
**U VIBRATION**  
**JOBS**  
**U TASKS**

**JOINTS (ANATOMY)**  
**NT KNEE (ANATOMY)**  
**NT WRIST**  
Spacesuit mobility joints [NASA-CASE-ARC-11058-2] p0121 N78-18763

A prosthesis coupling [NASA-CASE-KSC-11069-1] p0181 N78-22721

Nonlinear biomechanical model of the cervical-thoracic transregional joint [AD-A052068] p0188 N78-23740

**JOINTS (JUNCTIONS)**  
Wrist joint assembly [NASA-CASE-MPS-23311-1] p0096 N78-17676

Spacesuit mobility joints [NASA-CASE-ARC-11058-1] p0285 N78-31735

**JUNGLES**  
**U TROPICAL REGIONS**

**JUPITER ATMOSPHERE**  
Evidence for propagation of aerobic bacteria in particles suspended in gaseous atmospheres --- Terrestrial microorganism contamination of Jupiter atmosphere p0027 A78-15181

Anaerobic utilization of phosphite/phosphine as a sole source of phosphorus - Implication to growth in the Jovian environment p0028 A78-15186

Photochemical synthesis of organic compounds on Jupiter initiated by the photolysis of ammonia p0028 A78-15187

Ultraviolet-photoproducted organic solids synthesized under simulated Jovian conditions - Molecular analysis p0105 A78-28049

# K

**KC-135 AIRCRAFT**  
**U C-135 AIRCRAFT**

**KEROSENE**  
Occupational exposure to refined petroleum solvents. Criteria for a recommended standard [DHEW/PUB/NIOSH-77/192] p0204 N78-24790

**KETONES**  
**NT ACETONE**

**KIDNEYS**  
Response of cultured mammalian cells to accelerated krypton particles p0029 A78-15196

Renal sodium reabsorption following induction of and recovery from volume expansion p0049 A78-17647

Exchange-endocrine processes --- cosmonaut water-salt exchange and kidney functions p0194 A78-36637

The activation of human plasminogen by urokinase p0086 N78-16594

Morphological manifestations of functional changes in the hypothalamo-hypophyseal neurosecretory system and rat kidneys under the influence of space flight factors p0111 N78-18690

Analytical study of electrophoretic characterization of kidney cells --- conducted during the Apollo Soyuz Test Project [NASA-CR-150790] p0282 N78-31713

Kaliuretic renal function in man as related to different degrees of exercise during bedrest

## KINEMATICS

## SUBJECT INDEX

- KINEMATICS p0305 N78-32675  
 NT BODY KINEMATICS  
 X-ray photogrammetric analysis of skeletal spatial motions p0061 N78-14775
- KINESTHESIS  
 U PROPRIOCEPTION
- KINETICS  
 NT ELECTROKINETICS  
 NT REACTION KINETICS
- KIRCHHOFF-HUYGENS PRINCIPLE  
 U WAVE PROPAGATION
- KNEE (ANATOMY)  
 X-ray photogrammetric analysis of skeletal spatial motions p0061 N78-14775
- KNIGHT' SHIFT  
 U NUCLEAR MAGNETIC RESONANCE
- KRYPTON  
 NT KRYPTON ISOTOPES  
 KRYPTON ISOTOPES  
 Response of cultured mammalian cells to accelerated krypton particles p0029 A78-15196
- KU BAND  
 U SUPERHIGH FREQUENCIES
- L**
- L BAND  
 U ULTRAHIGH FREQUENCIES
- LABORATORIES  
 NT HUMAN FACTORS LABORATORIES  
 NT MANNED ORBITAL RESEARCH LABORATORIES  
 NT SPACE LABORATORIES  
 LABORATORY EQUIPMENT  
 Life sciences research in Spacelab p0239 A78-44621
- LABYRINTH  
 NT COCHLEA  
 NT VESTIBULES  
 Vestibular and somatosensory interaction in the cat vestibular nuclei p0023 A78-14064  
 Investigation of vestibular reactions during binocular equal calorization of the labyrinths p0197 A78-37749  
 Inner ear biology; Proceedings of the Fourteenth Workshop, Bordeaux, France, September 5-7, 1977 p0300 A78-53391  
 Further investigation of the spontaneous and evoked activity of the primary neurons of statoreceptors (and other receptors) of the labyrinth of the bullfrog before, during and after an extended period of weightlessness, including alternative intervals of artificial gravity [NASA-CR-154507] p0005 N78-10684  
 Osmotic relationships between blood, cerebrospinal fluid and inner ear fluids p0181 N78-22714
- LACTATES  
 Phosphagen and lactate contents of m. quadriceps femoris of man after exercise p0033 A78-15522  
 Blood fibrinolysis, coagulation and lactate in trained and untrained men at rest and after exercise p0065 N78-15677  
 Isozyme composition of lactate dehydrogenase of rat skeletal muscles after flight in Kosmos-690 biosatellite p0125 N78-19760
- LACTIC ACID  
 Influence of metabolic rate upon the metabolism of lactic acid and the oxidation of glucose, alanine and leucine p0143 N78-20745
- LACTOSE  
 The metabolism of carbohydrates by extremely halophilic bacteria - The identification of lactobionic acid as a product of lactose metabolism by Halobacterium saccharovorans p0301 A78-53619
- LAG (DELAY)  
 U TIME LAG
- LAGOONS  
 Compiled data on the vascular aquatic plant program, 1975 - 1977 --- for sewage lagoon [NASA-TN-79511] p0223 N78-26715
- LAKES  
 Distribution of phytoplankton in Tennessee lakes [PB-280139/7] p0276 N78-30803  
 Distribution of phytoplankton in Ohio lakes [PB-280140/5] p0276 N78-30804
- LAND  
 NT ARID LANDS
- LAND MANAGEMENT  
 Evaluation of several methods of establishing plant cover by seeding on the roadside [PB-278275/3] p0228 N78-27739
- LANDFORMS  
 NT LAGOONS  
 NT VOLCANOES
- LANDING  
 NT AIRCRAFT LANDING  
 NT GLIDE LANDINGS
- LANDING AIDS  
 NT INSTRUMENT LANDING SYSTEMS  
 NT RUNWAY LIGHTS  
 A regression approach to generate aircraft predictor information p0054 A78-18822  
 Perceived orientation of a runway model in nonpilots during simulated night approaches to landing [AD-A044553] p0041 N78-12668  
 An analysis of flight data from aircraft landings with and without the aid of a painted diamond on the same runway [NASA-CR-143849] p0067 N78-15692
- LANDING SIMULATION  
 Perceived orientation of a runway model in nonpilots during simulated night approaches to landing p0133 A78-29556  
 Contributions regarding work load measurement and learning behavior in simulated STOL approaches --- German book p0296 A78-52499  
 Comparison of the visual perception of a runway model in pilots and nonpilots during simulated night landing approach [AD-A054450] p0249 N78-28806
- LANDING SYSTEMS  
 U LANDING AIDS
- LANDMARKS  
 Detection of terrestrial landmarks during dark adaptation p0264 A78-47984
- LANGUAGES  
 NT SENTENCES  
 NT WORDS (LANGUAGE)
- LARGE SPACE STRUCTURES  
 Manned maneuvering unit - A space platform support system [ATAA PAPER 78-1663] p0295 A78-51990
- LARVAE  
 Development of the vestibulum of frog embryos and larvae on the fast running clinostat p0171 N78-22641
- LASER APPLICATIONS  
 Regulation of the functional activity of human cells by means of laser radiation p0071 A78-20822  
 Dynamics of the amphibian middle ear p0131 A78-29247
- LASER DAMAGE  
 Retinal tissue damage induced by single ultrashort 1060 nm laser light pulses p0292 A78-51078  
 Thermal model of laser-induced skin damage: Computer program operator's manual [AD-A053416] p0253 N78-29738  
 Laser-induced thermal damage of skin [AD-A054612] p0276 N78-30810
- LASER MODES  
 Ocular hazard from UV laser exhibiting self-mode-locking p0159 A78-35801
- LASER OUTPUTS  
 Specific characteristics of the effect of UV laser radiation on the survival of microorganisms p0217 A78-42635
- LASER RADAR  
 U OPTICAL RADAR

# SUBJECT INDEX

# LIFE SCIENCES

- LASERS**  
 NT GAS LASERS p0116 N78-18728  
 NT HELIUM-NEON LASERS Molecular basis for the mutagenic and lethal effects of ultraviolet irradiation [TID-27764] p0122 N78-19745  
 NT INFRARED LASERS Behavior, ecology and toxicity of venomous marine fishes [AD-A054925] p0279 N78-31692  
 NT PULSED LASERS  
 NT ULTRAVIOLET LASERS  
 Laser protective eyewear --- goggles for reducing ocular hazards [AD-A044105] p0042 N78-12673  
 An experimental investigation of the effect of 1.06 micrometers laser light on the transparent ocular media [AD-A055650] p0282 N78-31719
- LATCHES**  
 Helmet latching and attaching ring [NASA-CASE-XMS-04670] p0097 N78-17678
- LATERAL CONTROL**  
 A model for the pilot's use of motion cues in steady-state roll-axis tracking tasks [AIAA 78-1593] p0291 A78-50668
- LATERALIZATION**  
 U LATERAL CONTROL
- LAUNCHING BASES**  
 NT CAPE KENNEDY LAUNCH COMPLEX
- LAW (JURISPRUDENCE)**  
 The "protection against X-ray damages act" of 1973 promulgated by the German Federal Republic [ISS-R-76/13] p0188 N78-23742
- LEAD (METAL)**  
 Air quality criteria for lead [PB-280411/0] p0284 N78-31730
- LEAKAGE**  
 Hazards of organic working fluids [BNL-50761] p0283 N78-31725
- LEARNING**  
 NT ASTRONAUT TRAINING  
 NT CONDITIONING (LEARNING)  
 NT TRANSFER OF TRAINING  
 Laws of reproduction of memory traces in time p0071 A78-20844
- LEARNING MACHINES**  
 Biological model of a self-adjusting filter p0262 A78-47965  
 Knowledge-based adaptive curriculum sequencing for CAI: Application of a network representation [AD-A047090] p0089 N78-16619
- LEARNING THEORY**  
 The effect of extraversion/introversion on the consolidation processes related to the retention of verbal material p0025 A78-14499  
 Processes of learning complex behavior p0273 A78-49801
- LEG (ANATOMY)**  
 NT KNEE (ANATOMY)  
 Mechanical energy storage device for hip disarticulation [NASA-CASE-ARC-10916-1] p0005 N78-10686  
 Two-dimensional linear models of two-legged walking --- human factors engineering p0251 N78-29037
- LEGENDRE CODE**  
 U COMPUTER PROGRAMMING
- LENSES**  
 NT CONTACT LENSES  
 Aspheric curvatures for the human lens p0025 A78-14418  
 An experimental investigation of the effect of 1.06 micrometers laser light on the transparent ocular media [AD-A055650] p0282 N78-31719
- LEPTONS**  
 NT POSITRONS
- LESIONS**  
 NT PULMONARY LESIONS  
 Thermal characterization of superficial living tissues which have undergone different types of trauma [ONERA, TP NO. 1978-35] p0200 A78-39581  
 Loss of circadian rhythmicity in body temperature and locomotor activity following suprachiasmatic lesions in the rat p0267 A78-48576
- LETHALITY**  
 The role of monamine oxidase inhibition in the acute toxicity of chloroform [AD-A045507] p0093 N78-17656  
 Hemopoiesis in dogs exposed to lethal doses of protons with shielded bone marrow
- LEUKEMIAS**  
 Design of a blood-freezing system for leukemia research [NASA-TP-1165] p0109 N78-18673
- LEUKOCYTES**  
 NT LYMPHOCYTES  
 Polymorphonuclear leukocyte response: Experiment MA-032 p0092 N78-17105  
 Acute leukocytic reactions to impact accelerations p0119 N78-18752
- LEVEL (QUANTITY)**  
 NT EFFECTIVE PERCEIVED NOISE LEVELS  
 Electromagnetic field levels near radar therapy equipment p0146 N78-20765
- LEVITATION**  
 Vibration aspects of ride quality modeling for the DOT PTACV: Theory and experiment [PB-279846/0] p0286 N78-31744
- LIDAR**  
 U OPTICAL RADAR
- LIFE (BIOLOGY)**  
 U LIFE SCIENCES  
**LIFE (DURABILITY)**  
 NT FATIGUE LIFE  
 NT SERVICE LIFE  
 NT STORAGE STABILITY  
 Bag for storing whole blood [NASA-CASE-NPO-13930-1] p0208 N78-25760
- LIFE DETECTORS**  
 Lander imaging as a detector of life on Mars p0002 A78-11437  
 The Viking biological investigation - General aspects p0002 A78-11451  
 The search for life on Mars p0003 A78-12418  
 Detection of optical asymmetry in amino acids by gas chromatography for extraterrestrial space exploration - Results of a new soil processing scheme with breadboard instrumentation p0027 A78-15179  
 Chemical interpretation of Viking Lander 1 life detection experiment p0099 A78-25560  
 Multichannel electrochemical microbial detection unit p0137 A78-31300  
 The Viking biological experiments on Mars p0201 A78-39746  
 Sample retreatment dual-cell detector approach for differentiating groups of microbiological materials by luminol chemiluminescence [AD-A053383] p0245 N78-28776
- LIFE RAFTS**  
 Evaluating experiments of heat insulation of life raft by dummy and human body p0001 A78-10195
- LIFE SCIENCES**  
 NT EXTRATERRESTRIAL LIFE  
 NT MOLECULAR BIOLOGY  
 Synthesis and biological screening of novel hybrid fluorocarbon hydrocarbon compounds for use as artificial blood substitutes [NASA-CR-155781] p0112 N78-18702  
 Life-sciences research in space --- conference proceedings [ESA-SP-130] p0169 N78-22619  
 Summary of past findings in biomedical research accumulated during Apollo and Skylab missions p0169 N78-22620  
 NASA - selected life science experiments for the first NASA/ESA Spacelab flight 1980 p0169 N78-22621  
 Life sciences selected experiments for the first joint NASA/ESA Spacelab mission p0169 N78-22622  
 Space life sciences pilot user development program for the midwest region [NASA-CR-151819] p0251 N78-29723



## LIFE SPAN

Alterations in erythrocyte survival parameters in rats after 19.5 days aboard Cosmos 782  
p0079 A78-21744

## LIFE SUPPORT SYSTEMS

NT CLOSED ECOLOGICAL SYSTEMS  
NT EMERGENCY LIFE SUSTAINING SYSTEMS  
NT PORTABLE LIFE SUPPORT SYSTEMS  
Outfitting for space --- extravehicular activity systems  
[AIAA PAPER 78-327] p0084 A78-24021  
Theoretical foundations for the design of life support systems --- Russian book  
p0155 A78-34157

Technology requirements for closed-ecology life support systems applicable to space habitats  
[AAS 77-273] p0195 A78-36724  
Technology requirements for non-terrestrial ecosystems  
p0268 A78-48666

Reviews on research and development with respect to the life support equipments in JASDF and its perspectives  
p0293 A78-51499

Spacelab life support and habitability systems growth for extended mission durations  
[AIAA PAPER 78-1672] p0295 A78-51997

Generalized environmental control and life support system computer program (G189A) configuration control, phase 2  
[NASA-CR-151567] p0046 A78-13747

Prototype Bosch CO2 reduction subsystem for the RLSE experiment  
[NASA-CR-150504] p0067 A78-15693

Helmet feedport  
[NASA-CASE-IMS-09653] p0097 A78-17680

Dynamic hyperfiltration membranes for high-temperature spacecraft wash water recycle  
[NASA-CR-151689] p0150 A78-21767

Technology advancement of the electrochemical CO2 concentrating process  
[NASA-CR-152098] p0182 A78-22723

Evaluation of a spacecraft nitrogen generator  
[NASA-CR-152097] p0189 A78-23748

Plants for space plantations --- crops for closed life support systems  
[NASA-TM-75314] p0227 A78-27734

Advanced instrumentation concepts for environmental control subsystems  
[NASA-CR-152100] p0250 A78-28807

The artificial gill: A study of its development, theory of operation, humanistic aspects, and design  
p0276 A78-30805

Reliability test report. Modular cryogenic generator  
[AD-A054855] p0278 A78-30825

An evaluation of the fluidic oxygen partial pressure sensor  
[AD-A055362] p0286 A78-31743

Cooling system for removing metabolic heat from an hermetically sealed spacesuit  
[NASA-CASE-ARC-11059-1] p0312 A78-32721

Development of modern spacesuits  
p0312 A78-33034

## LIFETIME (DURABILITY)

U LIFE (DURABILITY)

## LIFT DISTRIBUTION

U FORCE DISTRIBUTION

## LIGHT (VISIBLE RADIATION)

NT POLARIZED LIGHT

Comparison of synchronization of primate circadian rhythms by light and food  
p0134 A78-29640

Light flash observations: Experiment MA-106 --- identity of cosmic particles  
p0091 A78-17100

Photodynamic effects induced in man by sensitizers and visible radiation  
p0145 A78-20764

## LIGHT ABSORPTION

U ELECTROMAGNETIC ABSORPTION

## LIGHT ADAPTATION

Adaptation, afterimages and cone saturation  
p0191 A78-36550

Interocular light adaptation effect on the Lie 'specific threshold'  
p0221 A78-43187

Studies on the light and dark adaptation system in the retina  
p0294 A78-51873

Dynamic behavior of the visual tract  
p0143 A78-20748

Contrast sensitivity of the human visual system at one luminance level while adapted to a stimulus at another luminance level  
[AD-A055238] p0282 A78-31717

## LIGHT AIRCRAFT

NT JAK 40 AIRCRAFT

Preliminary investigation of using the centrifuge and light aircraft for training payload specialists --- onboard Spacelab  
[DLR-IB-355-76/06] p0044 A78-13734

## LIGHT EMISSION

NT BIOLUMINESCENCE

NT CHEMILUMINESCENCE

NT FLUORESCENCE

NT THERMOLUMINESCENCE

## LIGHT INTENSITY

U LUMINOUS INTENSITY

## LIGHT SCATTERING

An experimental investigation of the effect of 1.06 micrometers laser light on the transparent ocular media  
[AD-A055650] p0282 A78-31719

## LIGHT TRANSMISSION

NT LIGHT SCATTERING

Perceived magnitudes of distortion, secondary imaging, and rainbowing in aircraft windshields  
p0272 A78-49272

## LIGHTING EQUIPMENT

NT RUNWAY LIGHTS

## LIGHTNING

A versatile electromagnetic environmental simulator --- for lightning generation  
p0048 A78-17530

## LIGNIN

The role of cell membranes in the regulation of lignification in pine cells  
[NASA-CR-157156] p0203 A78-24783

## LIMBS (ANATOMY)

NT ARM (ANATOMY)

NT FOREARM

NT HAND (ANATOMY)

NT KNEE (ANATOMY)

NT LEG (ANATOMY)

Vestibulotonic reflexes in muscles of the rat hind limb following a flight on Kosmos-605  
p0118 A78-18745

A new method for determining the active force system in lower limbs during human locomotion  
p0179 A78-22702

A prosthesis coupling  
[NASA-CASE-KSC-11069-1] p0181 A78-22721

Proceedings of the international occupational hand-arm vibration conference  
[DHEW/PUB/NIOSH-77/170] p0205 A78-24799

## LIMITATIONS

U CONSTRAINTS

## LIMNOLOGY

Biochemical oxygen demand, volume 2. A bibliography with abstracts  
[NTIS/PS-78/0574/0] p0275 A78-30801

Biochemical oxygen demand, volume 3. A bibliography with abstracts  
[NTIS/PS-78/0575/7] p0276 A78-30802

## LINEAR ENERGY TRANSFER (LET)

Response of cultured mammalian cells to accelerated krypton particles  
p0029 A78-15196

Radiobiological effects at low doses. The role of spatial and temporal energy distribution  
p0173 A78-22654

## LINEAR EQUATIONS

Two-dimensional linear models of two-legged walking --- human factors engineering  
p0251 A78-29037

## LINEAR FILTERS

A comparison of washout filters using a human dynamic orientation model  
[NASA-CR-154581] p0014 A78-11713

## LINEAR SYSTEMS

Linear problem of stabilizing biped walk  
p0104 A78-27155

## LINGUISTICS

NT SENTENCES

NT WORDS (LANGUAGE)

- Required attention for synthesized speech perception for three levels of linguistic redundancy  
p0196 A78-37531
- LIPID METABOLISM**  
Relationship between plasma lipid concentrations and coronary artery disease in 496 patients  
p0027 A78-15161  
Disruption of the deamination of monoamines and other nitrogenous compounds under conditions of stimulated peroxidation of endogenous lipids of brain tissue mitochondrial membranes  
p0056 A78-19885  
Reduced triglyceride secretion - A metabolic consequence of chronic exercise  
p0134 A78-29637  
Disturbances of fat metabolism in flight crew personnel  
p0220 A78-42900  
Heat losses and body temperature of albino rats during hyperoxia  
p0235 A78-43642  
Carbohydrate, lipid, and amino acid metabolism following physical exercise in man  
p0236 A78-43793  
Lipid metabolism during exercise. I - Physiological and biochemical characterization of normal healthy male subjects in relation to their physical fitness  
p0292 A78-51300
- LIPIDS**  
**NT LIPOPROTEINS**  
Physiologic regulation of body energy storage  
p0219 A78-42817  
Phytanyl-glycerol ethers and squalenes in the archaeobacterium Methanobacterium thermoautotrophicum  
p0260 A78-47892  
Lipid extraction from isolated single nerve cells [NASA-TN-75043]  
p0011 A78-11687  
Retinal rod outer segment discs: A study of membrane structure and function  
p0087 A78-16601  
Carbohydrate and lipid content of rat liver tissue following a 22-day space flight  
p0120 A78-18755  
Effect of physical loads on some parameters of lipid and carbohydrate metabolism during hypokinesia  
p0175 A78-22675
- LIPOPROTEINS**  
Total cholesterol and high density lipoprotein cholesterol /H.D.L.-ch./ in serum of aged pilots for predicting atherosclerotic diseases  
p0238 A78-44348  
Spectrophotofluorometric and electron microscopic study of lipofuscin accumulation in the testis of aging mice  
p0267 A78-48581
- LIQUEFIED GASES**  
**NT LIQUID OXYGEN**  
**LIQUID COOLING**  
Operational characteristics of liquid-conditioned suits  
p0242 A78-46415  
Automatic control of human thermal comfort with a liquid-cooled garment [NASA-TN-58205]  
p0013 A78-11704  
A personal cooling system for helicopter pilots [AD-A047649]  
p0121 A78-18767
- LIQUID FILLED SHELLS**  
Application of a fluid-filled spherical sandwich shell as a biodynamic head injury model for primates  
p0073 A78-21703  
Small oscillations of an ideal fluid with consideration of mass forces in the elastic shell  
p0293 A78-51386
- LIQUID MERCURY**  
**U MERCURY (METAL)**  
**LIQUID METALS**  
**NT MERCURY (METAL)**  
**LIQUID OXYGEN**  
NGL advances --- valveless LOX converter for Tornado aircraft  
p0274 A78-50085  
Reliability test report. Modular cryogenic generator [AD-A054855]  
p0278 A78-30825
- LIQUID PROPELLANT ROCKET ENGINES**  
**NT HYDRAZINE ENGINES**  
**LIQUID-GAS MIXTURES**  
**NT AEROSOLS**  
**LIQUIDS**  
**NT LIQUID OXYGEN**  
**NT MERCURY (METAL)**  
**NT ORGANIC LIQUIDS**  
**LITERATURE**  
An assessment of the role of simulators in military tactical flight training. Volume 2: Assessment based on literature survey [AD-A040607]  
p0096 A78-17672  
Formation and management of an expert toxicological review team for literature search, evaluation and organization of currently available rapid toxicological tests, volume 1 [AD-A056311]  
p0315 A78-33718  
Formation and management of an expert toxicological review team for literature search, evaluation and organization of currently available rapid toxicological tests, volume 2 [AD-A056312]  
p0315 A78-33719
- LITHIUM COMPOUNDS**  
Effects of lithium carbonate on performance and biomedical functions [AD-A044824/1]  
p0066 A78-15685
- LITHOSPHERE**  
**NT EARTH SURFACE**  
**LIVER**  
Effects of hyperbaric oxygen and glutathione on mammalian liver metabolism  
p0242 A78-46412  
Studies on adenine acid-soluble nucleotides content in the liver of gamma-irradiated chicken embryos  
p0266 A78-48442  
Age-related changes in glycolysis in the rat liver during high-altitude acclimatization  
p0273 A78-49584  
DNA status in rat liver and spleen following flight on Kosmos-605 satellite  
p0118 A78-18742  
Carbohydrate and lipid content of rat liver tissue following a 22-day space flight  
p0120 A78-18755  
Functional state of the rat liver under the primary deleterious effect of impact accelerations  
p0175 A78-22677  
The effect of high altitude on pyridine nucleotides and adenosine phosphates in the liver of the rat  
p0279 A78-31689  
On the possible role of lysosomal proteinases in the biological effects of accelerations  
p0307 A78-32685
- LOADING OPERATIONS**  
Microbial load monitor [NASA-CR-151623]  
p0093 A78-17648
- LOADS (FORCES)**  
**NT AERODYNAMIC LOADS**  
**NT STATIC LOADS**  
**NT VIBRATORY LOADS**  
**LOCALIZATION**  
**U POSITION (LOCATION)**  
**LOCATION**  
**U POSITION (LOCATION)**  
**LOCKHEED AIRCRAFT**  
**NT F-104 AIRCRAFT**  
**NT P-3 AIRCRAFT**  
**LOCOMOTION**  
**NT ASTRONAUT LOCOMOTION**  
**NT WALKING**  
Loss of circadian rhythmicity in body temperature and locomotor activity following suprachiasmatic lesions in the rat.  
p0267 A78-48576  
Locomotor behavior of fish hatched from embryos exposed to flight conditions [NASA-CR-151633]  
p0122 A78-19742  
A new method for determining the active force system in lower limbs during human locomotion  
p0179 A78-22702
- LONG TERM EFFECTS**  
Oscillatory phenomena in the simulation of the long-term adaptation of the heart  
p0084 A78-24574  
Adaptive modifications of cold pain. II - Long-term experiments with 24-hour intervals

# LONGEVITY

# SUBJECT INDEX

- Health effects of noise exposure p0102 A78-26744
- Medical effects of environmental noise on humans p0239 A78-45504
- Hypoxia survival variations in male and female mice as functions of chronological and environmental factors p0240 A78-45506
- Rat growth during chronic centrifugation p0265 A78-48082
- Biorhythms and space experiments with nonhuman primates p0268 A78-48640
- Tables for the estimation of noise-induced hearing loss [NPL-AC-61-REV] p0009 N78-11669
- Pathophysiological aspects of the problem of prolonged hypokinesia [NASA-TM-75112] p0188 N78-23743
- Some clinical aspects of prolonged clinostatic hypokinesia [NASA-TM-75114] p0224 N78-26724
- Some features of the bioelectric activity of the muscles with prolonged hypokinesia [NASA-TM-75116] p0224 N78-26725
- Late biological effects of ionizing radiation as influenced by dose, dose rate, age at exposure, and genetic sensitivity to neoplastic transformation [LA-UR-78-681] p0225 N78-26727
- Kaliuretic renal function in man as related to different degrees of exercise during bedrest p0283 N78-31724
- Investigation of the influence of prolonged rotation on radiation lesions p0305 N78-32675
- Morphological study of hemopoietic organs of hypokinetic rats p0306 N78-32682
- Effects of weightlessness and hypokinesia on contractility of bundles of glycerin-treated rat muscle fibers p0307 N78-32686
- Electrolyte content of the myocardium, skeletal muscles and blood of rats during prolonged hypokinesia and readaption p0307 N78-32689
- LONGEVITY p0308 N78-32692
- Longevity in military pilots - 37-year followup of the Navy's '1000 Aviators' p0266 A78-48087
- LONGITUDINAL WAVES
- NT PLANE WAVES
- LORENTZ TRANSFORMATIONS
- Subjective Lorentz transformations and the perception of motion p0158 A78-35419
- LOUDNESS
- The influence of the acoustic reflex on the loudness of pulsed pure tones p0200 A78-39346
- Comparison of auditory critical bands measured by loudness summation and acoustic reflexes p0224 N78-26721
- Comparisons among auditory reaction time loudness and certain characteristics of the acoustic reflex p0224 N78-26723
- LOW ALTITUDE
- Psychophysiological characteristics of pilot activity during low-altitude flights over the sea p0266 A78-48410
- Visual Workload of the copilot/navigator during terrain flight --- of the UH-1 helicopter p0090 N78-16623
- Visual problems raised by low altitude high speed flight p0249 N78-28798
- LOW FREQUENCIES
- NT VERY LOW FREQUENCIES
- Human perception of moderate strength low frequency magnetic fields p0062 N78-14782
- Effects of low-frequency (50 Hz) electromagnetic field on functional state of the human body p0186 N78-23725
- Biological effects of static and low-frequency electromagnetic fields: An overview of United States literature
- [EPRI-BA-490-SR] p0204 N78-24793
- LOW FREQUENCY BANDS
- NT VERY LOW FREQUENCIES
- LOW GRAVITY
- U REDUCED GRAVITY
- LOW LATITUDES
- U TROPICAL REGIONS
- LOW PRESSURE
- Low atmospheric pressure effects on wearing soft contact lenses p0079 A78-21746
- Specialized physiological studies in support of manned space flight [NASA-CR-151626] p0095 N78-17664
- LOW TEMPERATURE ENVIRONMENTS
- Circulatory adaptive reactions under hypergravity in normal and cold environments p0030 A78-15203
- Prediction of hypothermia in humans as a function of morphological characteristics and of environmental conditions p0132 A78-29298
- LOW TEMPERATURE PHYSICS
- Interstellar grains as possible cold seeds of life p0002 A78-11590
- LOW THRUST PROPULSION
- NT MAN OPERATED PROPULSION SYSTEMS
- LOWER ATMOSPHERE
- NT BIOSPHERE
- NT OZONOSPHERE
- NT TROPOSPHERE
- Effect of heliogeophysical factors on the evolution of infectious diseases of man p0163 N78-22569
- Possible solar-activity factors affecting processes in the biosphere p0163 N78-22572
- An experimental study of the ultralow-frequency electromagnetic fields on warmblooded animals and microorganisms p0164 N78-22580
- LOWER BODY NEGATIVE PRESSURE (LBNP)
- U ACCELERATION STRESSES (PHYSIOLOGY)
- LOX (OXYGEN)
- U LIQUID OXYGEN
- LUBRICANTS
- NT LUBRICATING OILS
- LUBRICATING OILS
- The combined effect of volatile products of thermal oxidation decomposition of lubricating oil and hypoxic hypoxia on the organism p0185 N78-23723
- A literature review: Problem definition studies on selected toxic chemicals. Volume 4: Occupational health and safety aspects of the fog oils SGF No. 1 and SGF No. 2 and smoke screens generated from them [AD-A055903] p0310 N78-32709
- LUMBAR REGION
- The lumbosacral segment as a vulnerable region in various postures [NASA-TM-75579] p0314 N78-33713
- LUMINAIRES
- NT RUNWAY LIGHTS
- LUMINANCE
- Chromatic two-pulse resolution with and without luminance transients --- in temporal processing of visual stimuli p0035 A78-16082
- The effect of luminance on human smooth pursuit of perifoveal and foveal targets p0295 A78-51952
- A facilitation effect in orientation discrimination --- relation to visual stimulus onset asynchrony p0295 A78-51957
- Readability of alphanumeric characters having various contrast levels as a function of age and illumination mode [AD-A044554/4] p0066 N78-15691
- LUMINESCENCE
- NT BIOLUMINESCENCE
- NT CHEMILUMINESCENCE
- NT FLUORESCENCE
- NT THERMOLUMINESCENCE
- LUMINESCENT INTENSITY
- U LUMINOUS INTENSITY
- LUMINOUSITY
- Vision at low luminance levels in aviation p0248 N78-28795

## SUBJECT INDEX

## MAGNETIC RESONANCE

- Research and development of a luminol-carbon monoxide flow system  
[NASA-CR-156832] p0305 N78-32671
- LUMINOUS FLUX DENSITY**  
U LUMINOUS INTENSITY  
**LUMINOUS INTENSITY**  
BT LUMINANCE
- Contrast sensitivity of the human visual system at one luminance level while adapted to a stimulus at another luminance level  
[AD-A055238] p0282 N78-31717
- LUNAR PROGRAMS**  
BT APOLLO PROJECT  
**LUNAR SURFACE**
- Visual evaluation of simulated elements of lunar relief p0264 N78-47987
- Psychological state of the operator and visual evaluation of lunar relief p0264 N78-47988
- LUNG MORPHOLOGY**
- Rat lung hyper-reactivity to stress p0079 A78-21745
- Effect of force environment on regional pulmonary displacements and volumes in dogs p0103 A78-26924
- Tolerance and cross-tolerance using NO<sub>2</sub> and O<sub>2</sub>. II - Pulmonary morphology and morphometry p0130 A78-29031
- The normal human lung - Ultrastructure and morphometric estimation of diffusion capacity p0140 A78-32039
- Lung volumes in man immersed to the neck - Dilution and plethysmographic techniques p0192 A78-36603
- Static mechanical properties of bronchi in normal excised human lungs p0235 A78-43787
- Multinational Andean Genetic and Health Program. VII - Lung function and physical growth - Multivariate analyses in high- and low-altitude populations p0298 A78-52639
- Configuration of the chest wall during increased gravitational stress in erect humans p0302 A78-53709
- LUNGS**
- Biomechanics --- mechanical properties of soft tissue p0023 A78-13991
- Acute effects of ozone on lung function in humans p0024 A78-14195
- Biological effects of NO, NO<sub>2</sub>, SO<sub>2</sub> and combinations thereof: Acute action on human and rat blood in vitro - Chronic action on the lung and blood of rats due to pollution-level concentrations p0036 A78-16474
- Models of the pressure volume relationship of the human lung p0140 A78-32041
- Gas transport in artificial lungs: Limitations and improvements p0005 N78-10688
- Automatic detection of alternations in pulmonary venous pressure [LA-UR-77-531] p0044 N78-13732
- A mathematical model of transport and removal of ozone in mammalian lungs p0064 N78-15676
- The effects of maldistribution on the uptake and distribution of inert gases in the human lung p0093 N78-17649
- Protection of the cardiopulmonary systems against the injurious effects of acceleration [AD-A050142] p0149 N78-21755
- A multiple indicator-dilution study of transport and metabolic processes in the lung p0177 N78-22689
- The effect of nitrogen dioxide on lung function in normal subjects [PB-277671/4] p0225 N78-26731
- Factors determining maximal expiratory flows in the human lung p0281 N78-31711
- LYMPH**  
BT LYMPHOCYTES
- DNA content in the lymph organs of rats during adaptation to hypoxia p0051 A78-18524
- The importance of the perilymphatic oxygen supply in the cochlea function p0300 A78-53395
- LYMPHOCYTES**
- Effect of space flight on cell-mediated immunity p0018 A78-13270
- Effect of gravity on lymphocyte activation p0267 A78-48604
- Cellular immune response: Experiment NA-031 p0092 N78-17104
- Separation of lymphocytes by electrophoresis under terrestrial conditions and at zero gravity, phase 3 [NASA-CR-151702] p0148 N78-21753
- LYSOZYME**
- On the possible role of lysosomal proteinases in the biological effects of accelerations p0307 N78-32685

## M

- MACHINE LEARNING**  
U LEARNING MACHINES  
**MACHINE LIFE**  
U SERVICE LIFE  
**MACHINE RECOGNITION**  
U ARTIFICIAL INTELLIGENCE  
**MACROMOLECULES**  
U MOLECULES  
**MACULAR VISION**  
U VISION  
**MAGNETIC ABSORPTION**  
U ELECTROMAGNETIC ABSORPTION  
**MAGNETIC EFFECTS**
- Effect of constant magnetic field on resting potential, ionic conductivity and neuromuscular transmission in smooth muscles p0081 A78-22074
- Experimentally observed magnetic-field effect on electrocardiographic indices p0104 A78-27670
- Role of biochemical processes in the response of biosystems to magnetic fields p0105 A78-27950
- MAGNETIC FIELDS**  
BT BIOMAGNETISM  
BT GEOMAGNETISM
- Human perception of moderate strength low frequency magnetic fields p0062 N78-14782
- The visually evoked magnetic field of the human brain p0065 N78-15680
- Electrolyte content of blood and potassium ion transport in erythrocytes of animals exposed to a steady magnetic field p0116 N78-18727
- Effect of superhigh intensity constant magnetic fields on morphological composition of peripheral blood p0119 N78-18749
- Reaction of central and peripheral mediator elements of the sympathoadrenal system to single exposure to alternating magnetic field p0186 N78-23729
- Biomagnetism: A review [SLAC-PUB-1984] p0224 N78-26719
- Health and safety of high voltage transmission lines [UR-3490-1255] p0248 N78-28792
- Electroreceptors in man and other animals p0280 N78-31696
- Proliferation of bone marrow cells under the influence of superhigh intensity steady magnetic fields p0281 N78-31707
- Magnet effects in biology p0281 N78-31709
- MAGNETIC MEASUREMENT**
- Measurement of the human magnetic heart vector p0048 A78-17265
- MAGNETIC METALS**  
U METALS  
**MAGNETIC PROPERTIES**  
BT BIOMAGNETISM  
BT GEOMAGNETISM  
BT MAGNETIC EFFECTS  
**MAGNETIC RESONANCE**  
BT NUCLEAR MAGNETIC RESONANCE

# MAGNETIC TAPE RECORDERS

# SUBJECT INDEX

## MAGNETIC TAPE RECORDERS

### U TAPE RECORDERS

### MAGNETOMETRY

### U MAGNETIC MEASUREMENT

### MAINTENANCE

### NT AIRCRAFT MAINTENANCE

### MALAWI

Psychological aptitude test of aviation personnel  
from Malawi  
[DLR-IB-355-75/03] p0013 N78-11699

### MALES

Changes in male exercise performance and  
anthropometric variables between the ages of 19  
and 30 p0138 A78-31769  
A comparison of exercise responses of males and  
females during acute exposure to hypobaria  
p0039 N78-12652

### MAMMALS

#### NT DOGS

#### NT GOATS

#### NT GUINEA PIGS

#### NT HUMAN BEINGS

#### NT MARINE MAMMALS

#### NT MICE

#### NT MONKEYS

#### NT PRIMATES

#### NT RATS

#### NT RODENTS

#### NT SWINE

Neural organization and evolution of thermal  
regulation in mammals p0215 A78-41216  
Codons and nearest-neighbor nucleotide pairs in  
mammalian messenger RNA p0219 A78-42846  
The scaling of maximal oxygen consumption and  
pulmonary dimensions in small mammals p0302 A78-53710  
A mathematical model of transport and removal of  
ozone in mammalian lungs p0064 N78-15676  
Study of the biological effects of long-term  
weightlessness in laboratory model experiments  
on mammals  
[NASA-TN-75076] p0085 N78-16585  
Regulation of mammalian hibernation p0122 N78-19741  
Behavioral effects of electromagnetic energy  
p0166 N78-22592  
The mammalian otocyst in vitro. A model system  
for experimental pathology on earth and in space  
p0171 N78-22638  
Electrophysiologic and pharmacologic properties of  
mammalian sensory neurons p0227 N78-27732

### MAN

#### U HUMAN BEINGS

### MAN ENVIRONMENT INTERACTIONS

The subjective magnitude of whole-body vibration  
p0019 A78-13479  
Man-environment studies: A review with an  
analysis of some techniques for the assessment  
of environmental perception  
[CSIR-SR-PERS-271] p0277 N78-30817

### MAN MACHINE SYSTEMS

Display analysis with the optimal control model of  
the human operator --- pilot-vehicle display  
interface and information processing p0003 A78-12448  
Prediction of pilot opinion ratings using an  
optimal pilot model --- of aircraft handling  
qualities in multi-axis tasks p0003 A78-12449  
The task of a cosmonaut in operating spacecraft  
p0021 A78-13578  
The optimization of cosmonaut activity in  
processes involving the operation of complex  
systems p0021 A78-13579  
Evaluation of the quality of man-in-the-loop  
guidance processes p0021 A78-13581  
The forming of sensory motor habits of control and  
the verification of their stability as a factor  
in the increased reliability of an operator in a  
technical system complex p0022 A78-13587

Effectiveness of the work of an operator with a  
command signal field as a function of the means  
of presentation of command information p0022 A78-13591  
Complex evaluation of the functional state of a  
human operator in control systems p0023 A78-13597  
Electrophysiological techniques for studying  
visual function in man - A historical overview  
p0035 A78-16076  
A regression approach to generate aircraft  
predictor information p0054 A78-18822  
A technique for the visual study of aircraft  
instrument panel utilization by the crew p0058 A78-20539  
Optimization of crew performance in future  
aircraft and weapon systems - Experimental  
methods of objective measurement p0060 A78-20563  
Investigation of pilot behavior in flight  
/Analysis of Japanese studies/ p0060 A78-20564  
And what is the limit of the minimum --- pilot  
factor during instrument landing p0073 A78-21475  
New dimensions for man --- human functions in  
future space missions  
[AIAA PAPER 78-325] p0084 A78-24019  
Outfitting for space --- extravehicular activity  
systems p0084 A78-24021  
The biomechanics of work p0100 A78-26268  
Concerning the utilization of electronic displays  
in the field of aeronautics p0132 A78-29299  
A model to quantify reliability of human  
performance in man-machine systems p0132 A78-29487  
Transfer of training on manual control systems  
differing in short period frequency and damping  
characteristics p0133 A78-29541  
Robots and manipulator systems. Part 2 ---  
Conference papers p0136 A78-30501  
Stochastic modelling of remotely manned systems  
p0136 A78-30509  
Simulation of the docking manoeuvre --- hybrid  
computer modeling for human operator performance  
in space p0141 A78-32225  
Human problem solving performance in a fault  
diagnosis task p0153 A78-32673  
The regulation of working methods as a function of  
work-load among air traffic controllers p0159 A78-35854  
On the predictive, precognitive and preview manual  
tracking systems p0160 A78-35924  
Prediction of pilot-aircraft stability boundaries  
and performance contours p0195 A78-37129  
A model of human decisionmaking in a fault  
diagnosis task p0195 A78-37130  
Temporal limitations of processing of visual  
information by a human operator p0196 A78-37745  
Human factors and aerodrome air traffic control  
/Revised edition/ --- Book p0199 A78-38981  
Dual-loop model of the human controller p0199 A78-39184  
A queuing analysis of the air traffic controller's  
work load p0200 A78-39648  
A mathematical theory for sequential input  
adaptive systems with applications to  
man-machine tracking systems p0200 A78-39649  
Effect of preview on digital pursuit control  
performance p0201 A78-39650  
Engineering-psychological analysis of information  
display systems p0216 A78-41368

# SUBJECT INDEX

# MANIPULATORS

- Manual optimization of ill-structured problems --- operator performance in control task p0238 A78-44500
- Discrete-time pilot model [ONERA, TP NO. 1978-60] p0239 A78-45272
- Research in pilot scanning behavior p0239 A78-45438
- Construction and investigation of an information model of the process of approach of piloted spacecraft p0241 A78-46082
- Human reliability engineering p0241 A78-46323
- Aviation ergonomics: Probability methods --- Russian book p0243 A78-46573
- Choice and analytic techniques involving indices of visual information input. I p0257 A78-46954
- Method of evaluating the work capacity of pilots and astronauts p0262 A78-47962
- Method of investigating perceptual extrapolation p0262 A78-47963
- The astronaut in the astronavigation system of manned spacecraft p0262 A78-47968
- Operator activity in a state of continuous wakefulness p0262 A78-47969
- Human operator in a spacecraft control system during descent in the atmosphere p0263 A78-47970
- Adaptive systems of spacecraft control p0263 A78-47975
- Describing the human operator's internal model of a dynamic system p0272 A78-49273
- Human-factors optimization of displays and control units for pilot and copilot p0289 A78-50267
- A model for the pilot's use of motion cues in steady-state roll-axis tracking tasks [AIAA 78-1593] p0291 A78-50668
- Time delays in flight simulators - Behavioral and engineering analyses [AIAA 78-1596] p0291 A78-50670
- A review of human factors engineering studies at Aeromedical Laboratory p0293 A78-51498
- Reviews on research and development with respect to the life support equipments in JASDF and its perspectives p0293 A78-51499
- Design of a system of man-computer communication p0293 A78-51640
- Contributions regarding work load measurement and learning behavior in simulated STOL approaches --- German book p0296 A78-52499
- Human factors in flight safety [DLR-IB-355-75/02] p0016 N78-11722
- Mobile small simulator for tracking and multitasking tests [DLR-IB-355-75/06] p0016 N78-11723
- Functional requirements and other design features of a manned system research facility [AD-A044234] p0042 N78-12672
- Manned system performance as a function of display characteristics [AD-A045488] p0046 N78-13748
- Research on manned system design using Operator Measures and Criteria (OMAC) data [AD-A046464] p0067 N78-15697
- ZOG: A man-machine communication philosophy [AD-A046857] p0068 N78-15699
- Studies on Pilot Workload --- psychophysiological factors [AGARD-CP-217] p0090 N78-16621
- A study on pilot's workload in helicopter operation under simulated IMC employing a forward looking sensor p0091 N78-16627
- Subjective ratings of flying qualities and pilot workload in the operation of a short haul jet transport aircraft --- Yak 40 aircraft p0091 N78-16631
- Subjective stress assessment as a criterion for measuring the psychophysical workload on pilots p0091 N78-16632
- The effects of participatory mode and task workload on the detection of dynamic system failures [AD-A050210] p0147 N78-20775
- Human verbal behavior considerations in the design of voice actuated hardware systems --- for P-3C aircraft [AD-A049925] p0147 N78-20776
- Adaptive training of perceptual motor skills: issues, results and future directions [AD-A050461] p0150 N78-21765
- Visual-proprioceptive cue conflicts in the control of remotely piloted vehicles [AD-A049706] p0151 N78-21770
- PIVIB: A computer program for analysis of pilot biodynamic and tracking response to vibration [AD-A052361] p0205 N78-24802
- Dynamics of the eye and head during movement between displays: A qualitative and quantitative guide for designers [AD-A052753] p0208 N78-25763
- Identification of finite state models of a human operator [AD-A053017] p0209 N78-25768
- Human performance tradeoff curves for use in the design of Navy systems [AD-A053332] p0209 N78-25770
- Human engineering evaluation of a man-machine system for system optimization-illustrated by a cockpit evaluation [RAE-LIB-TRANS-1952] p0226 N78-26742
- A theoretical framework to study the effect of cockpit information [NLR-MP-76014-U] p0227 N78-26745
- Performance measurement of maintenance [AD-A053475] p0250 N78-28809
- Biocybernetics experiment: Command and control human factors experimental program [AD-A055666] p0310 N78-32710
- An annotated bibliography of the literature dealing with the physiological correlates of cognitive performance [AD-A057113] p0317 N78-33733
- MAN OPERATED PROPULSION SYSTEMS
- Manned maneuvering unit for Shuttle EVA p0034 A78-15632
- MANAGEMENT
- NT CONFIGURATION MANAGEMENT
- NT ENVIRONMENT MANAGEMENT
- NT LAND MANAGEMENT
- NT PERSONNEL MANAGEMENT
- NT PROJECT MANAGEMENT
- NT RESEARCH MANAGEMENT
- NT SAFETY MANAGEMENT
- NT SYSTEMS MANAGEMENT
- NT WATER MANAGEMENT
- MANAGEMENT METHODS
- Job attitudes of airway facilities personnel [AD-A046412] p0096 N78-17671
- MANAGEMENT PLANNING
- NT PROJECT PLANNING
- Air Force aircrew training devices: Master plan [AD-A056940] p0317 N78-33734
- MANEUVERS
- NT AIRCRAFT MANEUVERS
- NT SPACECRAFT DOCKING
- NT SPACECRAFT MANEUVERS
- MANGANESE
- Copper, molybdenum, iron and manganese metabolism in rat tissues in response to a 50 Hz electric field p0187 N78-23730
- Biological effects of manganese [PB-277169] p0203 N78-24787
- MANIPULATION
- U MANIPULATORS
- MANIPULATORS
- Functional structure and evaluation criteria of instrumental space operations --- cognitive and performance aspects p0023 A78-13600
- Study of a new pilotage control p0058 A78-20548
- Tracking of a programmed motion by a manipulator p0080 A78-21905
- The mathematics of computer controlled manipulators p0083 A78-23854

# MANNED ORBITAL LABORATORIES

# SUBJECT INDEX

- Robot and manipulator control by exteroceptive sensors p0083 A78-23855
- Controller design for a manipulator using theory of variable structure systems p0083 A78-24000
- The biomechanics of work p0100 A78-26268
- Robots and manipulator systems. Part 2 --- Conference papers p0136 A78-30501
- Inertia forces of robots and manipulators p0136 A78-30503
- New control concept of anthropomorphic manipulators p0136 A78-30508
- Effect of hand-based sensors on manipulator control performance p0136 A78-30510
- Compliance of a manipulator p0154 A78-33887
- Control of a flexible manipulator arm p0260 A78-47541
- Manual control of astronaut attitude with a three-stage setup p0263 A78-47971
- Analog simulation of the movements of an ideal manipulator p0266 A78-48511
- Manipulators: Dynamics and algorithms --- Russian book p0266 A78-48529
- Dynamic decoupling of a remote manipulator system p0271 A78-49257
- Sampled data analysis of a computer-controlled manipulator [NASA-CR-155272] p0042 A78-12670
- Study to design and develop remote manipulator systems [NASA-CR-152092] p0090 A78-16620
- Wrist joint assembly [NASA-CASE-MFS-23311-1] p0096 A78-17676
- End effector device --- for manipulators [NASA-CASE-MFS-23692-1] p0127 A78-19773
- Analysis and synthesis of a fluid-powered intelligent industrial robot end effector with tactile sensors p0147 A78-20772
- Collision detection and avoidance in computer controlled manipulators p0150 A78-21766
- A comparison of control modes for time delayed remote manipulation p0285 A78-31737
- Pneumatic inflatable end effector [NASA-CASE-MFS-23696-1] p0312 A78-32724
- MANNED ORBITAL LABORATORIES**
- NT MANNED ORBITAL RESEARCH LABORATORIES**
- MANNED ORBITAL RESEARCH LABORATORIES**
- Life sciences research in Spacelab p0239 A78-44621
- Life sciences laboratories in Spacelab [AAS PAPER 78-011] p0301 A78-53613
- The NASA Life Sciences experiment program for Shuttle/Spacelab [AAS PAPER 78-010] p0301 A78-53615
- Biological experiments on board Salyut-6 p0319 A78-34032
- MANNED ORBITAL SPACE STATIONS**
- U ORBITAL SPACE STATIONS**
- MANNED REENTRY**
- Human operator in a spacecraft control system during descent in the atmosphere p0263 A78-47970
- MANNED SPACE FLIGHT**
- NT MANNED REENTRY**
- Cardiovascular response during manned space flights [IAF PAPER 77-252] p0034 A78-15931
- The place of psychology and psychiatry in the medical evaluation of navigation personnel in civil aviation - Methodological and practical aspects p0058 A78-20546
- The astronaut in the astronavigation system of manned spacecraft p0262 A78-47968
- Results of visual observations of the atmosphere and landscapes from manned spacecraft p0265 A78-47989
- Medical and psychological selection and training criteria for European SL-payload specialists [AAS PAPER 78-028] p0301 A78-53608
- Provisional standards of radiation safety during flights [NASA-TN-75051] p0040 A78-12657
- Certain aspects of the vestibular problem in space medicine [NASA-TN-75067] p0087 A78-16604
- Specialized physiological studies in support of manned space flight [NASA-CR-151626] p0095 A78-17664
- Investigation of space perception by the crew of the experimental Soyuz-Apollo mission p0111 A78-18695
- Dynamic hyperfiltration membranes for high-temperature spacecraft wash water recycle [NASA-CR-151689] p0150 A78-21767
- Vision and spaceflights p0172 A78-22642
- Effects of hard radiation on the visual pigment rhodopsin p0172 A78-22645
- Results of radiobiological spaceflight experiments --- weightlessness influencing radiation response of biological matter p0173 A78-22655
- Microbiology and space p0174 A78-22663
- Soviet-Czech space mission, cosmonaut training discussed p0183 A78-23041
- Plants for space plantations --- crops for closed life support systems [NASA-TN-75314] p0227 A78-27734
- Evolution of the space suit p0280 A78-31695
- MANNED SPACECRAFT**
- NT MANNED ORBITAL RESEARCH LABORATORIES**
- NT ORBITAL SPACE STATIONS**
- NT SALYUT SPACE STATION**
- NT SOYUZ SPACECRAFT**
- NT SPACE SHUTTLES**
- NT SPACE STATIONS**
- Theoretical foundations for the design of life support systems --- Russian book p0155 A78-34157
- Engineering-psychological analysis of information display systems p0216 A78-41368
- A theoretical framework to study the effect of cockpit information [NLR-MP-76014-U] p0227 A78-26745
- Advanced instrumentation concepts for environmental control subsystems [NASA-CR-152100] p0250 A78-28807
- HUMANPOWER**
- Integration and application of human resource technologies in weapon system design [AD-A053681] p0255 A78-29756
- MANUAL CONTROL**
- NT VISUAL CONTROL**
- Analysis of manual control of spacecraft movement by means of a mathematical model of a human operator p0021 A78-13580
- Use of half-scale modeling for optimizing systems of manual control --- for spacecraft p0021 A78-13582
- The forming of sensory motor habits of control and the verification of their stability as a factor in the increased reliability of an operator in a technical system complex p0022 A78-13587
- The interaction of control gain and vibration with continuous manual control performance p0081 A78-22838
- A review of the effects of vibration on visual acuity and continuous manual control. I - Visual acuity. II - Continuous manual control p0099 A78-26247
- Quantitative models of motor responses subject to longitudinal, lateral, and preview constraints p0132 A78-29540
- Transfer of training on manual control systems differing in short period frequency and damping characteristics p0133 A78-29541

- On the predictive, precognitive and preview manual tracking systems p0160 A78-35924
- A mathematical theory for sequential input adaptive systems with applications to man-machine tracking systems p0200 A78-39649
- Human reliability engineering p0241 A78-46323
- The astronaut in the astronavigation system of manned spacecraft p0262 A78-47968
- Describing the human operator's internal model of a dynamic system p0272 A78-49273
- Predicting the effects of dual-frequency vertical vibration on continuous manual control performance p0274 A78-50081
- Time delays in flight simulators - Behavioral and engineering analyses [AIAA 78-1596] p0291 A78-50670
- Unimodal and bimodal control in a compensatory tracking task p0292 A78-51347
- Manual control in target tracking tasks as a function of control type task loading and vibration --- aircraft throttle grip under compensatory tracking loads [AD-A043903] p0042 A78-12671
- Models for interrupted monitoring of a stochastic process [NASA-TM-78453] p0066 A78-15690
- Human monitoring and control behavior models and experiments [NLR-TR-77010-U] p0226 A78-26737
- Development of prediction models for effort levels in manual jobs p0226 A78-26739
- Human control and monitoring-models and experiments [NLR-MP-76015-U] p0256 A78-29763
- Is man the weakest link? --- real time activity recording of aircrew workloads p0286 A78-31746
- HANDS**  
NT USER MANUALS (COMPUTER PROGRAMS)
- MANUFACTURING**  
Process for manufacturing cannula [NASA-CASR-NPO-14073-1] p0208 A78-25762
- MAPPING**  
A spatial-temporal filtering procedure for cardiac potential mapping p0158 A78-35193
- Determining the number and positions of measuring locations for body surface potential mapping p0228 A78-27740
- MARIJUANA**  
NT CENTRAL NERVOUS SYSTEM STIMULANTS  
Influence of socially used drugs on vision and vision performance p0094 A78-17663
- MARINE BIOLOGY**  
Acute toxicity of selected hydrazines to the common guppy p0032 A78-15254
- Translations on USSR science and technology: Biomedical sciences [JPRS-69970] p0011 A78-11682
- Translations on USSR science and technology: Biomedical sciences, no. 13 [JPRS-70057] p0039 A78-12651
- Marine microbiology [COO-3565-08] p0043 A78-13722
- Temperature influences on growth of aquatic organisms [CONF-770516-9] p0122 A78-19744
- Seagrass literature survey [AD-A054480] p0252 A78-29729
- Phytoplankton sampling in quantitative baseline and monitoring programs [PB-279644/9] p0252 A78-29733
- MARINE ENVIRONMENTS**  
Sulfate reduction and methanogenesis in marine sediments p0081 A78-23474
- MARINE MAMMALS**  
Automated tracking of the Florida manatee (Trichechus manatus) [NASA-CR-157040] p0207 A78-25752
- MARKERS**  
An analysis of flight data from aircraft landings with and without the aid of a painted diamond on the same runway [NASA-CR-143849] p0067 A78-15692
- MARKET RESEARCH**  
Market study phase 2 follow-up activity. The Baylor Mark 3 Haploscope [NASA-CR-156141] p0145 A78-20758
- MARKING**  
NT ISOTOPIC LABELLING  
MARS (PLANET)  
Response of terrestrial microorganisms to a simulated Martian environment p0301 A78-53624
- Search for life on Mars --- Viking Mars program p0182 A78-22734
- MARS ATMOSPHERE**  
Chemical interpretation of Viking Lander 1 life detection experiment p0099 A78-25560
- MARS ENVIRONMENT**  
NT MARS ATMOSPHERE  
The Viking biological investigation - General aspects p0002 A78-11451
- Physiology of xerophytic micro-organisms growing under Martian conditions p0027 A78-15182
- MARS PHOTOGRAPHS**  
Lander imaging as a detector of life on Mars p0002 A78-11437
- MARS PROBES**  
NT VIKING LANDER SPACECRAFT  
NT VIKING LANDER 1  
NT VIKING MARS PROGRAM  
MARS SURFACE  
Volcanism and soil mercury on Mars - Consequences for terrestrial microorganisms p0268 A78-48670
- Photocatalytic oxidation of organic compounds on Mars p0292 A78-51137
- MARS SURFACE SAMPLES**  
The search for life on Mars p0003 A78-12418
- Effect of sterilization on the scientific value of a returned Mars soil sample p0027 A78-15178
- Results of biological experiments carried out by the Viking probes and the possible existence of life on Mars p0134 A78-29662
- The Viking biological experiments on Mars p0201 A78-39746
- MASKING**  
NT TARGET MASKING  
Functional equivalence of masking and cue reduction in perception of shape at a slant p0100 A78-26375
- The effort of noise exposure on the masking level difference p0314 A78-33709
- MASKS**  
NT OXYGEN MASKS  
Optimization of the material for construction of the new protective mask [AD-A053331] p0209 A78-25769
- MASS FILTERS**  
U FLUID FILTERS  
MASS SPECTROMETRY  
U MASS SPECTROSCOPY  
MASS SPECTROSCOPY  
Ventilation-perfusion ratio distributions from multiple inert-gas elimination data: Mass-spectrometer measurement and nonlinear parameter estimation p0093 A78-17652
- MATCHING**  
The matching of biological and technical elements and systems [NASA-TM-75313] p0228 A78-27738
- MATERIAL BALANCE**  
NT WATER BALANCE  
MATERIALS HANDLING  
NT REMOTE HANDLING  
State-of-the-art in adaptable-programmable assembly systems [PB-270054/0] p0015 A78-11718



# MATERIALS RECOVERY

# SUBJECT INDEX

## MATERIALS RECOVERY

### NT WATER RECLAMATION

Physico-chemical treatment of pond effluents for unrestricted agricultural reuse with recovery of algae as protein source: Pilot and field scale experiments

p0207 N78-25750

## MATERIALS TESTS

Reproducibility of toxicity test data as a function of mouse strain, animal lot, and operator --- for bisphenol A polycarbonate

p0191 A78-36599

## MATHEMATICAL ANALYSIS

### U APPLICATIONS OF MATHEMATICS

### MATHEMATICAL LOGIC

### NT ALGORITHMS

### MATHEMATICAL MODELS

### NT ANALOG SIMULATION

### NT DIGITAL SIMULATION

Second-order correlation functions and bi-spectra in biological-rhythm research

p0004 A78-12601

Analysis of manual control of spacecraft movement by means of a mathematical model of a human operator

p0021 A78-13580

Validation of a model of a human pilot

p0036 A78-16623

Symposium on Biodynamic Models and their Applications, 2nd, Dayton, Ohio, February 15-17, 1977, Proceedings

p0073 A78-21701

Evaluation of biomechanical response and potential injury from thoracic impact

p0073 A78-21704

Biodynamic finite element models used in brain injury research

p0074 A78-21705

Distribution of spinal disc pressures in the seated posture subjected to impact

p0074 A78-21709

Analytical model of the fatigue characteristics of bone

p0074 A78-21710

Systems identification scheme for the estimation of the linear viscoelastic properties of the intervertebral disc

p0074 A78-21711

Biodynamic model of a parachutist

p0075 A78-21712

Mathematical modeling of the head and neck response to -G/x/ impact acceleration /minimum articulation requirements/

p0075 A78-21715

Mathematical model of the cardiovascular system under acceleration stress

p0077 A78-21724

Model for human controller performance in vibration environments

p0077 A78-21729

Modelling heart structure changes during adaptation to large loads

p0084 A78-24249

Influence of plasma layer on steady blood flow in microvessels

p0099 A78-25234

Mathematical description of synapse behavior under conditions of rhythmic stimulation

p0099 A78-25625

A mathematical model of anaerobic energy metabolism for evaluating the mechanisms of oxygen debt formation

p0105 A78-27713

A model to quantify reliability of human performance in man-machine systems

p0132 A78-29487

Axisymmetric vibration of human skull-brain system

p0134 A78-29591

Stochastic modelling of remotely manned systems

p0136 A78-30509

Models of the pressure volume relationship of the human lung

p0140 A78-32041

Cochlear dynamics - The evolution of a mathematical model

p0141 A78-32196

A mathematical theory for sequential input adaptive systems with applications to man-machine tracking systems

Simulation of heart structural changes upon adaptation to large loads

p0200 A78-39649

Mathematical modeling of arterial pressure transient processes during the action of vasoactive substances

p0212 A78-40703

Concerning the modeling of the critical periods of plant ontogenesis as transient processes in the organism

p0214 A78-41014

Linear model for visual-vestibular interaction

p0214 A78-41016

Propagation of pulsed wave in arterial vessels with allowance for preliminary stresses and muscular activity

p0214 A78-41161

Discrete-time pilot model [ONERA, TP NO. 1978-60]

p0220 A78-42874

General approach to the modeling of the blood circulation

p0239 A78-45272

Interactive modeling and analysis of dynamic systems with applications to the musculoskeletal structure

p0271 A78-48762

A mathematical model of transport and removal of ozone in mammalian lungs

p0007 N78-10703

A mathematical analysis of the musculo-skeletal system of the human shoulder joint

p0064 N78-15676

Mathematical modelling of a human external respiratory system [NASA-TN-75069]

p0087 N78-16599

Ventilation-perfusion ratio distributions from multiple inert-gas elimination data: Mass-spectrometer measurement and nonlinear parameter estimation

p0088 N78-16606

A new model of nerve action potential and the existence of a pulse solution

p0093 N78-17652

Mathematical model of the vestibuloocular reflex

p0109 N78-18676

A multiple indicator-dilution study of transport and metabolic processes in the lung

p0165 N78-22584

Model-based hemodynamic indicators of left ventricular performance in acute myocardial infarction

p0177 N78-22689

A model of blood flows studies

p0178 N78-22693

Nonlinear biomechanical model of the cervical-thoracic transregional joint [AD-A052068]

p0178 N78-22698

Identification of finite state models of a human operator [AD-A053017]

p0188 N78-23740

A theoretical framework to study the effect of cockpit information [NLR-HP-76014-U]

p0209 N78-25768

Validation of a model of a human pilot

p0227 N78-26745

Two-dimensional linear models of two-legged walking --- human factors engineering

p0245 N78-28050

Comparison between flight test data and data from a theoretical model for the discovery of a ground target from the air [FOA-C-56010-H9 (H6)]

p0251 N78-29037

A multiparameter time domain averaging model of the human operator [AD-A054676]

p0255 N78-29751

A general myocybernetic control model of skeletal muscle [CSIR-SR-WISK-280]

p0256 N78-29758

Mathematical analysis and computer simulation in military mission workload assessment

p0276 N78-30809

Maturing

### U GROWTH

### MCDONNELL AIRCRAFT

### NT F-4 AIRCRAFT

### MCDONNELL DOUGLAS AIRCRAFT

### NT F-4 AIRCRAFT

p0288 N78-31758

- MEASURING INSTRUMENTS**  
 NT ACCELEROMETERS  
 NT CATHETERMETERS  
 NT DOSIMETERS  
 NT DYNAMOMETERS  
 NT ERGOMETERS  
 NT FLIGHT RECORDERS  
 NT FLIR DETECTORS  
 NT FLOWMETERS  
 NT HAPLOSOPES  
 NT IMPEDANCE PROBES  
 NT MECHANOGRAMS  
 NT OCULOMETERS  
 NT OPTICAL MEASURING INSTRUMENTS  
 NT POSITION INDICATORS  
 NT RADIATION COUNTERS  
 NT RADIATION MEASURING INSTRUMENTS  
 NT RESPIROMETERS  
 NT RHEOMETERS  
 NT STRAIN GAGES  
 NT TEMPERATURE MEASURING INSTRUMENTS
- Development and testing of an implantable oxygen sensor  
 [PB-269501/3] p0006 N78-10697
- Evaluation of postural mechanisms under dynamic conditions  
 [NASA-CR-151638] p0112 N78-18700
- A device for measurement of rate of slow phase of nystagmus on the nystagmogram p0125 N78-19763
- Condition sensor system and method  
 [NASA-CASE-MSC-14805-1] p0311 N78-32720
- MECHANICAL DEVICES**  
 Inertia forces of robots and manipulators p0136 A78-30503
- Wrist joint assembly  
 [NASA-CASE-MPS-23311-1] p0096 N78-17676
- End effector device --- for manipulators  
 [NASA-CASE-MPS-23692-1] p0127 N78-19773
- MECHANICAL DRIVES**  
 Compliance of a manipulator p0154 A78-33887
- MECHANICAL IMPEDANCE**  
 Model of the supine human body and its reactions to external forces p0076 A78-21723
- MECHANICAL MEASUREMENT**  
 NT FLOW MEASUREMENT  
 NT PRESSURE MEASUREMENTS  
 NT VELOCITY MEASUREMENT  
 NT VIBRATION MEASUREMENT
- MECHANICAL PROPERTIES**  
 NT ELASTIC PROPERTIES  
 NT FATIGUE LIFE  
 NT MODULUS OF ELASTICITY  
 NT STIFFNESS  
 NT THERMAL RESISTANCE  
 NT THERMOELASTICITY  
 NT VISCOELASTICITY
- The determination of biomechanical parameters of the vertebro-muscular axis in man p0058 A78-20544
- Static mechanical properties of bronchi in normal excised human lungs p0235 A78-43787
- Effect of age on mechanical properties and biochemical composition of the heart arteries in man p0289 A78-50531
- On the mechanical properties of the human intervertebral disc  
 [AD-A053036] p0247 N78-28787
- MECHANISM**  
 Multi-rigid-body system dynamics with applications to human-body models and finite-segment cable models  
 [AD-A052868] p0227 N78-26743
- MECHANOGRAMS**  
 Electric impedance and mechanical recording, cardiovascular investigative methods in air medicine p0257 A78-46951
- MECHANORECEPTORS**  
 Mechanisms of interaction between receptors of the vestibular system --- Russian book p0266 A78-48522
- MEDICAL ELECTRONICS**  
 Computer analysis of the orthogonal electrocardiogram and vectorcardiogram in 257 patients with aortic valve disease p0026 A78-14647
- Research and technology in the health field p0050 A78-18514
- The eight-sensor low-energy gamma topograph GNG-8 --- for human organism isotopic diagnosis p0131 A78-29068
- Portable heart rate recorder with PLL circuit --- Phase Locked Loop p0196 A78-37235
- Several factors of designing multi-channel ECG pre-amplifier for human centrifuge experiment and performance of tentatively manufactured equipment p0238 A78-44350
- Real-time compression of ECG data - Technical realization p0293 A78-51459
- Resolution requirements for glow-scan television transmission of X-rays. A test report for the remote medical diagnosis system  
 [AD-A047870] p0095 N78-17669
- Description and analysis of the Hewlett-Packard 78220 arrhythmia monitoring system  
 [AD-A055451] p0283 N78-31720
- MEDICAL EQUIPMENT**  
 NT BLOOD PUMPS  
 NT CARDIOTACHOMETERS  
 NT MECHANOGRAMS  
 NT PROSTHETIC DEVICES  
 NT RESPIRATORS
- Computerized classification of auditory trauma: Results of an investigation on screening employees exposed to noise  
 [NASA-TN-75062] p0040 N78-12658
- Medical ultrasonic tomographic system  
 [NASA-CR-155269] p0040 N78-12659
- Superconducting magnetometry for the detection of heart disease  
 [PB-271950/8] p0044 N78-13735
- Development and clinical evaluation of blood gas sensors for continuous monitoring (adult and neonate)  
 [PB-271809/6] p0045 N78-13736
- Tissue macerating instrument  
 [NASA-CASE-LEW-12668-1] p0061 N78-14773
- A computer based medical ultrasound B-scan system p0093 N78-17653
- Diagnosis of Alcoholism: The Munich Alcoholism Test (MAT) p0094 N78-17662
- Resolution requirements for slow-scan television transmission of X-rays. A test report for the remote medical diagnosis system  
 [AD-A047870] p0095 N78-17669
- Design of a blood-freezing system for leukemia research  
 [NASA-TP-1165] p0109 N78-18673
- Design of a pyro-electric vidicon camera for medical thermography  
 [THT-TN-77-009] p0113 N78-18707
- Application to animals and humans of a continuous monitoring oxygen system  
 [PB-276446/8] p0180 N78-22713
- A crossed beam Doppler ultrasound concept for improved detection of atherosclerosis  
 [PB-276859/6] p0187 N78-23737
- Dedicated medical ion accelerator design study  
 [LBL-7230] p0248 N78-28791
- Fast neutron depth dose distributions in a heterogeneous phantom p0314 N78-33712
- MEDICAL PERSONNEL**  
 NT PHYSICIANS
- Inaugural lecture at the School of Health Service Application for the Air Force --- aviation ophthalmology for reliable information retrieval in man/machine systems p0060 A78-20562
- Using task data in diagnostic radiology. Volume 2: Curriculum objectives for radiologic technology  
 [PB-270460/9] p0041 N78-12663
- Using task data in diagnostic radiology. Volume 1. Job ladders: Assigning tasks to jobs  
 [PB-270459/1] p0041 N78-12664
- MEDICAL PHENOMENA**  
 Medical effects of environmental noise on humans p0240 A78-45506

- Medical evaluation of 2-pressure suit used in explosive decompressions up to 20,000 m altitude [FOA-A-59002-H3] p0256 N78-29761
- MEDICAL SCIENCE**
- NT ANESTHESIOLOGY
- NT EPIDEMIOLOGY
- NT HISTOLOGY
- NT HUMAN PATHOLOGY
- NT IMMUNOLOGY
- NT NEUROLOGY
- NT OTOTOLOGY
- NT PATHOLOGY
- NT PSYCHIATRY
- NT RADIOBIOLOGY
- NT RADIOLOGY
- NT RADIOPATHOLOGY
- NT SOCIAL PSYCHIATRY
- Prospects for developing a theory of a functional system --- applications in biology and medicine p0135 N78-30395
- Translations on USSR science and technology: Biomedical sciences, no. 13 [JPRS-70057] p0039 N78-12651
- Assessing biomedical technologies. An inquiry into the nature of the process [PB-271162/0] p0043 N78-13727
- Anaerobic bacteriology and curriculum design for medical technology p0064 N78-15671
- New imaging systems in nuclear medicine [COO-3333-30] p0124 N78-19754
- Translations on USSR science and technology: Biomedical and behavioral sciences [JPRS-70876] p0143 N78-20742
- Translations on USSR science and technology: Biomedical and behavioral sciences, no. 24 [JPRS-70928] p0149 N78-21761
- Before the long journey --- the development of space biology and medicine [NASA-TM-75098] p0203 N78-24781
- Transcript of the Meeting Proceedings of National Commission for the Protection of Human Subjects of Biomedical and Behavioral Research [PB-279639/9] p0232 N78-27765
- Transcripts of the 40th meeting proceedings of National Commission for the Protection of Human Subjects of Biomedical and Behavioral Research [PB-279916/1] p0277 N78-30815
- Genetics of microorganisms and medicine p0280 N78-31698
- Some pressing problems of genetics p0280 N78-31699
- MEDICAL SERVICES**
- Motoradiographic image intensification - Applications in medical radiography p0216 A78-41539
- STARPAHC systems report. Volume 1: Executive summary [NASA-CR-151578] p0061 N78-14776
- STARPAHC systems report. Volume 2: Operational performance [NASA-CR-151579] p0061 N78-14777
- MEETINGS**
- U CONFERENCES
- MEMBRANE ANALOGY**
- U MEMBRANE STRUCTURES
- MEMBRANE STRUCTURES**
- Retinal rod outer segment discs: A study of membrane structure and function p0123 N78-19750
- MEMBRANES**
- NT ION EXCHANGE MEMBRANE ELECTROLYTES
- NT MEMBRANE STRUCTURES
- Models for membranes of cerebral cells as a substrate for information storage p0051 A78-18529
- Calcium transport in Halobacterium halobium envelope vesicles p0267 A78-48574
- Methionine transport in Halobacterium halobium vesicles - Noncompetitive, asymmetric inhibition by L-Cysteine p0267 A78-48579
- Pine morphology of the tectorial membrane - Fresh and developmental p0300 A78-53392
- Gas transport in artificial lungs: Limitations and improvements p0005 N78-10688
- Retinal rod outer segment discs: A study of membrane structure and function p0087 N78-16601
- Physiological changes in space travel and the cellular membrane involvement p0174 N78-22661
- The role of cell membranes in the regulation of lignification in pine cells [NASA-CR-157156] p0203 N78-24783
- The design and evaluation of multimembrane ultrafiltration hemo-separating systems p0229 N78-27744
- MEMORY**
- The effect of extraversion/introversion on the consolidation processes related to the retention of verbal material p0025 A78-14499
- Symposium on Memory Control Mechanisms, Leningrad, USSR, November 16-19, 1976, Proceedings p0051 A78-18526
- Bioelectrical expression of the activation of long-term memory and possible mechanisms of this process p0051 A78-18528
- Models for membranes of cerebral cells as a substrate for information storage p0051 A78-18529
- Problems of memory control in experiments p0051 A78-18530
- Extremely slow bioelectrical processes of the human brain in mechanisms of memory modulation p0051 A78-18531
- The molecular code of memory p0052 A78-18532
- Neuropsychological approach to the problem of brain control of the mnemonic function p0052 A78-18533
- Neurophysiological analysis of complex forms of verbal memory p0052 A78-18534
- Laws of reproduction of memory traces in time p0071 A78-20844
- Current problems of neurochemical investigations of memory p0072 A78-21348
- The consolidation process and some of its neurochemical mechanisms p0292 A78-51318
- Input, output, and response blocking in immediate recall [AD-A050302] p0147 N78-20771
- Human memory. A bibliography with abstracts [NTIS/PS-78/0348/9] p0233 N78-27772
- MENTAL HEALTH**
- Active rest in prolonged spaceflights as a psychological problem p0022 A78-13593
- Isolation and confinement - Considerations for colonization [AAS 77-245] p0195 A78-36730
- Effects of aircraft noise on mental health p0240 A78-45507
- Noise-induced sleep disturbances and their effects on health p0240 A78-45508
- Crises of maladaptation in confirmed pilots p0258 A78-46959
- MENTAL PERFORMANCE**
- Perceptual and intellectual activities in tachistoscopic vision - Comparisons with the same activities during normal conditions, and theoretical considerations p0020 A78-13509
- Behavior and the mind --- psychological factors influencing military pilot performance p0020 A78-13518
- Dynamics of the human mental work capacity during some activity regimes p0021 A78-13584
- Problems of memory control in experiments p0051 A78-18530
- Subcortical links of optimization of intellectual-mnemonic human activity p0052 A78-18536
- Effects of fixed versus variable reference frequencies on psychophysical judgments of vibration p0133 A78-29543

- Effects of altitude and heat on complex cognitive tasks p0133 A78-29544
- Effect of vestibular and optokinetic stimuli on the speed of processing information by an operator --- pilot performance p0137 A78-30785
- International Congress of Psychology, 21st, Symposium on Mental Work Load, Paris, France, July 25, 1976, Proceedings p0159 A78-35851
- Mental work-load as a function of demand, capacity, strategy and skill p0159 A78-35852
- Evaluation method of mental workload under flight conditions --- relationship to heart rate variability p0215 A78-41168
- Methodological approach to the analysis of the semantic information in the human EEG p0219 A78-42669
- The analysis of aviation training evaluations. V. --- Factor analysis of flight aptitude test and comparison with the previous report p0238 A78-44349
- Effects of hypoxia on psychomotor and intellectual performance p0241 A78-46405
- Information processing under emotionally saturated conditions of activity p0261 A78-47957
- Processes of learning complex behavior p0273 A78-49801
- Effect of vitamin and amino acid supplements on human performance during heavy mental and physical work p0298 A78-52638
- Mental rotation under head tilt - Factors influencing the location of the subjective reference frame p0299 A78-53084
- Effect of alcohol and distraction task on the behavior of a person riding a bicycle simulator p0068 A78-15703
- An annotated bibliography of the literature dealing with the physiological correlates of cognitive performance [AD-A057113] p0317 A78-33733
- MENTAL STRESS**
- U STRESS (PSYCHOLOGY)**
- MERCURY (METAL)**
- Volcanism and soil mercury on Mars - Consequences for terrestrial microorganisms p0268 A78-48670
- Biological significance of some metals as air pollutants. Part 2: Mercury [PB-279670/4] p0277 A78-30814
- MESOSPHERE**
- Resistance of stratospheric and mesospheric micro-organisms to extreme factors p0027 A78-15180
- METABOLIC DISEASES**
- The relationship between stress-related metabolites and disqualifying pathology in air traffic control personnel p0309 A78-32702
- METABOLIC WASTES**
- NT URINE**
- Cooling system for removing metabolic heat from an hermetically sealed spacesuit [NASA-CASE-ARC-11059-1] p0312 A78-32721
- METABOLISM**
- NT ADRENAL METABOLISM**
- NT CALCIUM METABOLISM**
- NT CARBOHYDRATE METABOLISM**
- NT ELECTROLYTE METABOLISM**
- NT ENZYME ACTIVITY**
- NT FERMENTATION**
- NT HORMONE METABOLISMS**
- NT HYPOMETABOLISM**
- NT LIPID METABOLISM**
- NT MINERAL METABOLISM**
- NT NITROGEN METABOLISM**
- NT OXYGEN METABOLISM**
- NT PHOSPHORUS METABOLISM**
- NT PROTEIN METABOLISM**
- New microbial growth factor p0003 A78-12123
- Metabolic energy requirements during manned orbital Skylab missions p0029 A78-15198
- Continuous 30-day measurements utilizing the monkey metabolism pod --- study of weightlessness effects p0030 A78-15201
- Observations in energy balance in man during spaceflight p0048 A78-17645
- Time course of the cerebral circulatory response to metabolic depression p0082 A78-23648
- State of energy metabolism in albino rats under the action of increased oxygen concentrations p0160 A78-36123
- Absorptive function of the small intestine during administration of the aerovit drug under motion-sickness conditions p0160 A78-36124
- Onboard food rations and a system for providing water --- on Soyuz spacecraft p0193 A78-36630
- Exchange-endocrine processes --- cosmonaut water-salt exchange and kidney functions p0194 A78-36637
- Metabolic characteristics of rapidly and slowly developing fatigue p0238 A78-44217
- Effects of hyperbaric oxygen and glutathione on mammalian liver metabolism p0242 A78-46412
- Cerebral energy state during or after hypoxia and complete or incomplete ischemia p0259 A78-47210
- Substrate effects on myocardial performance during normoxia and hypoxia p0261 A78-47949
- Peculiar characteristics of crewmembers' metabolism on the second expedition aboard orbital station Salyut-4 p0265 A78-48080
- Continuous metabolic and cardiovascular measurements on a monkey subject during a simulated 6-day Spacelab mission p0269 A78-48719
- Systems analysis of sympathetic functions p0270 A78-48752
- Metabolic and thermal responses of men wearing cold-protective clothing to various degrees of cold stress p0272 A78-49298
- Effect of altitude on dietary-induced thermogenesis at rest and during light exercise in man p0296 A78-52537
- Metabolic structure of the recovery process following various physical stresses p0303 A78-53791
- Effect of acceleration on brain metabolites [DLR-IB-355-76/05] p0044 A78-13733
- Water-salt exchange during bedrest of varying duration [NASA-TM-75077] p0065 A78-15683
- Endocrine-metabolic cost of piloting F-104 G aircraft --- flight stress effects p0091 A78-16629
- Distinctions of fluid and electrolyte metabolism and renal function in crew members of the first Salyut-4 expedition p0110 A78-18685
- Morphological manifestations of functional changes in the hypothalamo-hypophyseal neurosecretory system and rat kidneys under the influence of space flight factors p0111 A78-18690
- Effects of space flights and concomitant radiation on amino acid metabolism in rat skeletal muscles p0125 A78-19761
- Influence of metabolic rate upon the metabolism of lactic acid and the oxidation of glucose, alanine and leucine p0143 A78-20745
- Working in a hot environment; perspiration loss; a drink for persons working under hot conditions, part 2 [NASA-TM-75285] p0148 A78-21751
- Fluid-electrolyte metabolism in albino rats after a flight on the Kosmos-690 biosatellite

# METAL HALIDES

# SUBJECT INDEX

State of rat muscle motoneuron system in the case of restricted mobility p0175 N78-22672

Effect of physical loads on some parameters of lipid and carbohydrate metabolism during hypokinesia p0175 N78-22674

A multiple indicator-dilution study of transport and metabolic processes in the lung p0175 N78-22675

Studies of reactivity of the organism using some pharmacological tests --- catecholamine metabolism and synthesis in humans p0177 N78-22689

Copper, molybdenum, iron and manganese metabolism in rat tissues in response to a 50 Hz electric field p0184 N78-23711

Metabolic and cardiovascular adaptation, monkey. NASA SMD 3, project 76, experiment 44 conducted at NASA/JSC, 14-25 May 1977 [NASA-CR-157159] p0203 N78-24784

Toxicology and metabolism of nickel compounds [COO-3140-36] p0225 N78-26728

Simulation of man's respiratory and metabolic functions by the automated breathing metabolic simulator [PB-278544/2] p0230 N78-27757

Metabolism of <sup>181</sup>W-labeled sodium tungstate in goats [FOA-C-40070-A3] p0252 N78-29732

The correlation of sodium and potassium metabolism with the level of energy consumption in man during adaptation to heat [NASA-TM-75331] p0309 N78-32704

**METAL HALIDES**

**NT POTASSIUM CHLORIDES**

**METALLOIDS**

**NT SILICON**

**METALS**

**NT CADMIUM**

**NT CALCIUM**

**NT IRON**

**NT LEAD (METAL)**

**NT MANGANESE**

**NT MERCURY (METAL)**

**NT MOLYBDENUM**

**NT POTASSIUM**

**NT SODIUM**

**NT THALLIUM ISOTOPES**

**NT TITANIUM**

**NT TUNGSTEN**

**NT TUNGSTEN ISOTOPES**

**NT VANADIUM**

**NT ZINC**

The influence of trace metals in disperse aerosols on the human body burden of trace metals p0224 N78-26720

Toxicology of metals, volume 3 [PB-280115/7] p0277 N78-30813

Annotated bibliography on biological effects of metals in aquatic environments, 3d [PB-280953/1] p0311 N78-32715

**METASTABILITY**

**U METASTABLE STATE**

**METASTABLE STATE**

A possible molecular mechanism by which solar activity affects biosphere processes --- associated with nonequilibrium of living systems p0164 N78-22574

**METAZOA**

**U ANIMALS**

**METEORITE COMPRESSION TESTS**

**U MECHANICAL PROPERTIES**

**METEORITIC IONIZATION**

**U ATMOSPHERIC IONIZATION**

**METERS**

**U MEASURING INSTRUMENTS**

**METHANE**

Sulfate reduction and methanogenesis in marine sediments p0081 A78-23474

Methane-producing bacteria - Natural fractionations of the stable carbon isotopes p0260 A78-47667

Archaeobacteria --- biology and chemistry p0260 A78-47891

**METHIONINE**

Methionine transport in Halobacterium halobium

vesicles - Noncompetitive, asymmetric inhibition by L-Cysteine p0267 A78-48579

**METHODOLOGY**

The theory of a functional system as the methodological basis for the neurophysiology of behavior p0135 A78-30398

**METHODS**

**U METHODOLOGY**

**MICE**

Influence of microwaves within the thermal intensity range in mice. Weight, rectal temperature, respiration, tread mill activity, reaction of senses, and learning [FOA-C-54018-H2 (H6)] p0252 N78-29730

Micro-fluid exchange coupling apparatus --- a microrespirator to allow surgery on rats or mice [NASA-CASE-ARC-11114-1] p0315 N78-33717

**MICROBE**

**U MICROORGANISMS**

**MICROBIOLOGY**

**NT BACTERIOLOGY**

New microbial growth factor p0003 A78-12123

Multichannel electrochemical microbial detection unit p0137 A78-31300

Survival and reversion of a stable L form in soil p0212 A78-40875

Microbiological study of bioecological system. I --- for Spacelab p0258 A78-47111

Translations on USSR science and technology: Biomedical and behavioral sciences, no. 17 [JPRS-70338] p0045 N78-13738

Investigation of concomitant microflora in prolonged substrate-free cultivation of beet plants p0116 N78-18729

Microbiology and space p0174 N78-22663

Microbiological quality and epidemiological aspects of reclaimed water p0207 N78-25749

Sample retreatment dual-cell detector approach for differentiating groups of microbiological materials by luminol chemiluminescence [AD-A053383] p0245 N78-28776

**MICROCIRCUITS**

**U MICROELECTRONICS**

**MICROCLIMATOLOGY**

The combined effect of an SHF field and an unfavorable microclimate on the body p0316 N78-33730

**MICROELECTRONICS**

A silicon absolute pressure transducer for biomedical applications p0229 N78-27749

**MICROMINIATURIZATION**

A miniature integrated circuit accelerometer for biomedical applications p0229 N78-27748

**MICROORGANISMS**

**NT ACTINOMYCETES**

**NT AEROBES**

**NT ANAEROBES**

**NT BACILLUS**

**NT BACTERIA**

**NT BACTERIOPHAGES**

**NT ESCHERICHIA**

**NT NITROBACTER**

**NT PSYCHROPHILES**

**NT SPORES**

**NT STREPTOMYCETES**

**NT VIRUSES**

Release of microorganisms from soil with respect to transmission electron microscopy viewing and plate counts p0003 A78-12124

Resistance of stratospheric and mesospheric micro-organisms to extreme factors p0027 A78-15180

Evidence for propagation of aerobic bacteria in particles suspended in gaseous atmospheres --- Terrestrial microorganism contamination of Jupiter atmosphere p0027 A78-15181

- Physiology of xerophytic micro-organisms growing under Martian conditions p0027 A78-15182
- Determinations of microbial loads associated with microscopic-size particles of Kennedy Space Center soil p0028 A78-15184
- Some general principles of planetary quarantine leading to an assessment of the limitations to growth of micro-organisms on Uranus and Neptune p0028 A78-15188
- Medically important micro-organisms recovered from Apollo-Soyuz Test Project /ASTP/ crew members p0030 A78-15200
- Growth-rate periodicity of *Streptomyces levis* during space flight p0031 A78-15213
- Study of cosmonaut integument microflora p0194 A78-36640
- The evolution of the earliest cells p0260 A78-47846
- Volcanism and soil-mercury on Mars - Consequences for terrestrial microorganisms p0268 A78-48670
- Microorganisms of the upper layers of the atmosphere and protective role of their cell pigments p0269 A78-48712
- Response of terrestrial microorganisms to a simulated Martian environment p0301 A78-53624
- Marine microbiology [COO-3565-08] p0043 N78-13722
- Microbial load monitor [NASA-CR-151623] p0093 N78-17648
- Basic aspects of radiation action on microorganisms [COO-2362-26] p0123 N78-19746
- Water system microbial check valve development [NASA-CR-151678] p0181 N78-22719
- Methods for microbiological and immunological studies of space flight crews [NASA-TN-58185] p0251 N78-29725
- Assessment of free-living nitrogen fixing microorganisms for commercial nitrogen fixation --- economic analysis of ammonia production [NASA-CR-157565] p0275 N78-30798
- Genetics of microorganisms and medicine p0280 N78-31698
- MICROPOLAR FLUIDS**
- Flow of micropolar fluid through a constricted channel p0056 A78-19993
- MICROPROCESSORS**
- Variability of oxygen affinity of normal blood - An automated method of measurement p0259 A78-47209
- Microprocessor-based cardiopulmonary monitoring system [NASA-CR-151688] p0148 N78-21752
- MICROSCOPES**
- NT ELECTRON MICROSCOPES
- MICROSCOPY**
- NT ELECTRON MICROSCOPY
- MICROSTRUCTURE**
- Compartmentalization in proteinoid microspheres p0035 A78-16015
- The effects of burn injury and post burn cooling in the microcirculation p0093 N78-17654
- Expected effects of weightlessness on cell ultrastructure p0174 N78-22662
- MICROWAVE EMISSION**
- Review of exposure techniques and dosimetric methods employed in microwave bioeffects research p0048 A78-17583
- Theoretical calculation of frequencies and thresholds of microwave-induced auditory signals p0080 A78-21879
- MICROWAVE EQUIPMENT**
- NT VIDICONS
- New types of microwave diathermy applicators: Comparison of performance with conventional types p0168 N78-22608
- MICROWAVE FREQUENCIES**
- NT SUPERHIGH FREQUENCIES
- Measurement of microwave radiation absorbed by biological systems. I - Analysis of heating and cooling data p0080 A78-21877
- Measurement of microwave radiation absorbed by biological systems. II - Analysis by Dewar-flask calorimetry p0080 A78-21878
- MICROWAVE RADIATION**
- U MICROWAVES
- MICROWAVES**
- NT MICROWAVE EMISSION
- NT MILLIMETER WAVES
- Study of the specific effects of microwaves on the central nervous system. I - Demonstration of modifications of cerebral electrogenesis in the rat p0257 A78-46953
- Symposium on Biological Effects and Measurement of Radio Frequency/Microwaves [HEW-PUBL-(PDA)-77-8026] p0166 N78-22591
- Free-operant avoidance and escape from microwave radiation p0166 N78-22593
- Microwave absorption and taste aversion as a function of 915 MHz radiation p0166 N78-22594
- Microwave hyperthermia and visually evoked potentials: Preliminary observations of guinea pigs p0166 N78-22596
- Interaction between microwave and neuroactive compounds p0166 N78-22597
- Quantitation of microwave biological effects p0167 N78-22599
- Change in average absorbed dose rate of a group of mice under repeated exposure to 915 MHz microwave radiation p0167 N78-22606
- The description of a system to irradiate cells in culture with microwaves p0167 N78-22607
- Neuroendocrine responses in the rat and dog exposed to 2450 MHz (CW) microwaves [OR-3490-1080] p0168 N78-22609
- The effect of repetitive prenatal low-level microwave exposure on development in the rat p0168 N78-22610
- Light and electron microscopic observations on the blood-brain barrier after microwave irradiation p0168 N78-22611
- Vestibulo-cochlear single unit responses to microwave radiation p0168 N78-22613
- Causes of death following occupational exposure to microwave radiation (radar) 1950 - 1974 p0168 N78-22614
- Effects of repeated microwave irradiations to the albino rabbit eye p0168 N78-22615
- Are microwave cataracts thermally caused? p0169 N78-22616
- Heat-invoked changes in ascorbic acid levels on the rabbit eye p0169 N78-22617
- Influence of microwaves within the thermal intensity range in mice. Weight, rectal temperature, respiration, tread mill activity, reaction of senses, and learning [FOA-C-54018-H2(H6)] p0252 N78-29730
- Biological effects of microwaves. A bibliography with abstracts [NTIS/PS-78/0432/1] p0254 N78-29745
- Compilation and assessment of microwave bioeffects, A0-02-01/EA81028: A selective review of the literature on biological effects of microwaves in relation to the satellite power system [PNL-2634] p0315 N78-33720
- Translation on USSR science and technology: Biomedical and behavioral sciences, no. 45: Effects of nonionizing electromagnetic radiation [JPRS-71910] p0316 N78-33727
- Cellular and molecular effects and the mechanism of action of microwave electromagnetic fields on biological systems p0316 N78-33728
- MIDDLE EAR**
- Dynamics of the amphibian middle ear p0131 A78-29247

- The effects of middle ear muscle contraction upon  
high level exposure to pure tones and upon the  
transmission of low level pure tones  
p0064 N78-15673
- Transmission of impulse noise to the inner ear in  
the guinea pig by the recording of the  
intracochlear pressure. Evaluation of phenomena  
leading to injuries  
[ISL-R-103/77] p0148 N78-21749
- MIDDLE EAR PRESSURE**  
The influence of the acoustic reflex on the  
loudness of pulsed pure tones  
p0200 A78-39346
- MILITARY AIRCRAFT**  
Human engineering data for aircraft design. III -  
Aircrew station vision requirement for military  
aircraft  
p0001 A78-10199
- Identification and classification of vertebral  
fractures following emergency capsule egress  
from military aircraft  
p0074 A78-21707
- U.S. coast guard variable cockpit training system  
- Our first four years with a modern simulator  
p0199 A78-38797
- MILITARY AVIATION**  
Problems in maintaining the alertness of air force  
personnel - The organization of work schedules  
during long-distance flights  
p0020 A78-13514
- The organization of work schedules for air traffic  
controllers  
p0020 A78-13515
- Alpha-2-macroglobulin dosage, protamine test, and  
vascular-risk factors detected in civilian and  
military flight personnel  
p0059 A78-20555
- Inaugural lecture at the School of Health Service  
Application for the Air Force --- aviation  
- ophthalmology for reliable information retrieval  
in man/machine systems  
p0060 A78-20562
- The analysis of aviation training evaluations. V -  
Factor analysis of flight aptitude test and  
comparison with the previous report  
p0238 A78-44349
- Longevity in military pilots - 37-year followup of  
the Navy's '1000 Aviators'  
p0266 A78-48087
- MILITARY HELICOPTERS**  
NT OH-1 HELICOPTER  
Methodological considerations of visual workloads  
of helicopter pilots --- eye movement measurements  
p0286 N78-31747
- Preliminary design of an accident information  
Retrieval System (AIRS)  
[AD-A055590] N78-31952
- MILITARY OPERATIONS**  
Simulators in education and training, volume 2. A  
bibliography with abstracts  
[NTIS/PS-78/0378/6] p0255 N78-29752
- Simulators in education and training, volume 3. A  
bibliography with abstracts  
[NTIS/PS-78/0379/4] p0255 N78-29753
- Mathematical analysis and computer simulation in  
military mission workload assessment  
p0288 N78-31758
- MILITARY PSYCHIATRY**  
U MILITARY PSYCHOLOGY
- MILITARY PSYCHOLOGY**  
Phobic syndromes and in-flight errors: Their  
relation to predisposing or determining  
psychological factors - Clinical studies  
p0020 A78-13510
- The need for drug and alcohol programs that are  
unique to military organizations  
p0094 N78-17659
- MILITARY TECHNOLOGY**  
The real time reconnaissance problem --- human  
performance limitations  
p0211 A78-40218
- Evaluation of US Air Force survival/armor vest in  
US Army OH-58 helicopters  
[AD-A044842] p0042 N78-12675
- MILK**  
Milk secretion of Zn-65 in the goat after oral  
intake of radiozinc  
[POA-C-40069-A3] p0252 N78-29731
- MILKY WAY GALAXY**  
The prospect of astro-palaeontology --- search for  
Galactic extinct civilizations  
p0036 A78-16231
- MILLIMETER WAVES**  
Translation on USSR science and technology:  
Biomedical and behavioral sciences, no. 45:  
Effects of nonionizing electromagnetic radiation  
[JPRS-71910] p0316 N78-33727
- Biomedical effects of millimeter radio waves  
p0316 N78-33729
- MINERAL METABOLISM**  
Anaerobic utilization of phosphite/phosphine as a  
sole source of phosphorus - Implication to  
growth in the Jovian environment  
p0028 A78-15186
- Cortisol-mediated synchronization of circadian  
rhythm in urinary potassium excretion  
p0049 A78-17646
- Renal sodium reabsorption following induction of  
and recovery from volume expansion  
p0049 A78-17647
- Changes of closely related enzymes and minerals to  
neuro-muscular systems of albino rats, during  
prolonged exposure to simulated hypogravics  
p0268 A78-48645
- MINERAL OILS**  
Occupational exposure to refined petroleum  
solvents. Criteria for a recommended standard  
[DHEW/PUB/NIOSH-77/192] p0204 N78-24790
- MINIATURIZATION**  
NT MICROMINIATURIZATION  
NT SUBMINIATURIZATION
- MINIMIZATION**  
U OPTIMIZATION
- MINORITIES**  
The relationship of predevelopmental 150 training  
with noncompetitively selected air traffic  
control trainees to FAA Academy success  
[AD-A055009] p0312 N78-32722
- MISSILES**  
NT BALLISTIC MISSILES
- MISSION PLANNING**  
Systems analysis of an aeromedical evacuation  
mission  
p0140 A78-31847
- Medical and psychological selection and training  
criteria for European SL-payload specialists  
[AAS PAPER 78-028] p0301 A78-53608
- Space life sciences pilot user development program  
for the midwest region  
[NASA-CR-151819] p0251 N78-29723
- MITOCHONDRIA**  
Endosymbionts and mitochondrial origins  
p0049 A78-17851
- Myocardial contracture and accumulation of  
mitochondrial calcium in ischemic rabbit heart  
p0055 A78-19145
- Disruption of the deamination of monoamines and  
other nitrogenous compounds under conditions of  
stimulated peroxidation of endogenous lipids of  
brain tissue mitochondrial membranes  
p0056 A78-19885
- Origins of prokaryotes, eukaryotes, mitochondria,  
and chloroplasts  
p0080 A78-21874
- Comparison of ontogenetic differences in the  
activity of mediatory-exchange ferments  
/monoamine oxydase and glutamate decarboxylase/  
in the mitochondrial fractions of the cortical  
and hypothalamic regions  
p0238 A78-44275
- Respiratory activity of mitochondria in corn-root  
cells, grown under conditions of variable gravity  
p0293 A78-51394
- MITOSIS**  
Effect of gravity on lymphocyte activation  
p0267 A78-48604
- Regions of differential cell elongation and  
mitosis, and root meristem morphology in  
different tissues of geotropically stimulated  
maize root apices  
p0298 A78-52631
- Proliferation of bone marrow cells under the  
influence of superhigh intensity steady magnetic  
fields  
p0281 N78-31707
- MIXTURES**  
NT AEROSOLS

# SUBJECT INDEX

# MONOLITHIC CIRCUITS

- NT AQUEOUS SOLUTIONS
- NT NUCLEAR EMULSIONS
- NT SMOKE
- MECHANICS**
  - Neuropsychological approach to the problem of brain control of the mnemonic function p0052 A78-18533
  - Neurophysiological analysis of complex forms of verbal memory p0052 A78-18534
  - Investigation of elementary informational mnemonic fields in the human brain p0052 A78-18535
  - Subcortical links of optimization of intellectual-mnemonic human activity p0052 A78-18536
- MODE OF VIBRATION**
  - VIBRATION MODE
- MODELS**
  - NT ANALOG SIMULATION
  - NT ATMOSPHERIC MODELS
  - NT DIGITAL SIMULATION
  - NT DYNAMIC MODELS
  - NT ENVIRONMENT MODELS
  - NT MATHEMATICAL MODELS
  - NT SCALE MODELS
  - Modelling the thermal effects of blood flow in human skin p0179 N78-22703
  - Operator workload assessment model: An evaluation of a VF/VA-V/STOL system p0288 N78-31757
- MODES**
  - NT LASER MODES
  - NT VIBRATION MODE
- MODULATION**
  - NT AMPLITUDE MODULATION
- MODULATION TRANSFER FUNCTION**
  - How presaccadic gratings modify postsaccadic modulation transfer function p0295 A78-51953
- MODULES**
  - NT SIM
- MODULUS OF ELASTICITY**
  - The measurement of tissue thickness and tissue compliance in man p0170 N78-22627
- MOISTURE CONTENT**
  - Physiology of xerophytic micro-organisms growing under Martian conditions p0027 A78-15182
  - Compression of rehydratable vegetables and cereals [NASA-CR-151727] p0209 N78-25766
- MOLDING MATERIALS**
  - Process for manufacturing cannula [NASA-CASE-WPO-14073-1] p0208 N78-25762
- MOLECULAR BIOLOGY**
  - The concept of cellular evolution p0002 A78-10547
  - Does epidemic disease come from space --- Comet-borne microorganisms p0036 A78-16700
  - The molecular code of memory p0052 A78-18532
  - Polymers to living cells - Molecules against entropy p0198 A78-38449
  - A measure of the denseness of a phylogenetic network --- by sequenced proteins from extant species p0260 A78-47890
  - Archaeobacteria --- biology and chemistry p0260 A78-47891
  - Phytanyl-glycerol ethers and squalenes in the archaeobacterium Methanobacterium thermoautotrophicum p0260 A78-47892
  - High sensitivity Fourier transform NMR. Intermolecular interactions between environmental toxic substances and biological macromolecules [PB-274011/6] p0109 N78-18675
  - Synthesis and biological screening of novel hybrid fluorocarbon hydrocarbon compounds for use as artificial blood substitutes [NASA-CR-155781] p0112 N78-18702
  - A possible molecular mechanism by which solar activity affects biosphere processes --- associated with nonequilibrium of living systems p0164 N78-22574
- MOLECULAR EXCITATION**
  - Chemical production of excited states in biology: Mechanism, regulation and function, renewal proposal [COO-3277-47] p0207 N78-25753
- MOLECULAR INTERACTIONS**
  - NT INTERSTELLAR CHEMISTRY
- MOLECULAR SIEVES**
  - U ABSORBENTS
- MOLECULAR STRUCTURE**
  - Computer display and manipulation of biological molecules p0301 A78-53400
- MOLECULES**
  - The origin of biological macromolecules on the earth. The hypothesis of inorganic template [NASA-TN-75176] p0039 N78-12648
  - Cellular and molecular effects and the mechanism of action of microwave electromagnetic fields on biological systems p0316 N78-33728
- MOLIERE FORMULA**
  - U SPATIAL DISTRIBUTION
- MOLYBDENUM**
  - Copper, molybdenum, iron and manganese metabolism in rat tissues in response to a 50 Hz electric field p0187 N78-23730
- MOMENTS**
  - NT STANDARD DEVIATION
- MONITORS**
  - Evaluation of automated ECG monitoring - Theoretical model based upon point process techniques p0001 A78-10063
  - Development and clinical evaluation of blood gas sensors for continuous monitoring (adult and neonate) [PB-271809/6] p0045 N78-13736
  - Microbial load monitor [NASA-CR-151623] p0093 N78-17648
  - A cardiac arrhythmia monitoring system p0178 N78-22694
  - Investigation of a new cardiac arrhythmia monitoring scheme p0187 N78-23733
  - Possible designs of medication monitors [PB-278973/3] p0232 N78-27766
- MONKEYS**
  - Magnification in striate cortex and retinal ganglion cell layer of owl monkey - A quantitative comparison p0032 A78-15313
  - Eye movements of monkeys during learning-set formation p0130 A78-28829
  - Excitability of neuromuscular system of monkeys during orthostatic tests p0177 N78-22685
  - Distribution of tissue water and electrolytes in normal rhesus macaques [AD-A052019] p0188 N78-23738
- MONOCHROMATIZATION**
  - Monocular and binocular brightness of monochromatic lights p0006 N78-10690
- MONOCULAR VISION**
  - Absence of color-selectivity in Duncker-type induced visual movement p0032 A78-15403
  - Detectability of motion as a factor in depth perception by monocular movement parallax p0056 A78-19974
  - Monocular vision and landing performance in general aviation pilots - Cyclops revisited p0132 A78-29539
  - Monocular peripheral vision as a factor in flight safety p0157 A78-35106
  - Is binocular vision always monocular p0216 A78-41323
  - Movement parallax - An asymptotic function of amplitude and velocity of head motion p0221 A78-43182
  - Depth vision in aviation p0249 N78-28797
- MONOLITHIC CIRCUITS**
  - U INTEGRATED CIRCUITS



## MONOPLANES

NT BOEING 720 AIRCRAFT  
 NT BOEING 737 AIRCRAFT  
 NT C-135 AIRCRAFT  
 NT F-104 AIRCRAFT  
 NT P-3 AIRCRAFT  
 NT T-37 AIRCRAFT

## MOPS (PROPULSION SYSTEMS)

U MAN OPERATED PROPULSION SYSTEMS

## MOEL

U MANNED ORBITAL RESEARCH LABORATORIES

## MORPHOLOGY

NT LUNG MORPHOLOGY

Fine morphology of the tectorial membrane - Fresh and developmental

Effect of superhigh intensity constant magnetic fields on morphological composition of peripheral blood

Morphology of bone marrow cells of rats on the Kosmos-605 biosatellite

Assessment of pancreas cells

[NASA-CR-151744]

## MORTALITY

Survivorship of Drosophila in nitrogen reduced hypobaric atmospheres --- spacecraft atmosphere studies

Longevity in military pilots - 37-year followup of the Navy's '1000 Aviators'

The mechanism of the influence of solar-activity oscillations on the human organism --- effect on mortality and human nervous system

Causes of death following occupational exposure to microwave radiation (radar) 1950 - 1974

## MOSS (SPACE STATIONS)

U ORBITAL SPACE STATIONS

## MOTILITY

U LOCOMOTION

## MOTION AFTEREFFECTS

A phantom-motion aftereffect --- residual effects from retinal stimulation

A temporary threshold shift for self-motion detection following sustained, oscillating linear acceleration

## MOTION EQUATIONS

U EQUATIONS OF MOTION

## MOTION PERCEPTION

Temporal stereopsis and dynamic visual noise

Detectability of motion as a factor in depth perception by monocular movement parallax

Induced visual movement as nonveridical resolution of displacement ambiguity

The loss of position constancy during pursuit eye movements

Pattern and movement detection in man and rabbit - Separation and comparison of occipital potentials

Interaction between sustained and transient channels - Form inhibits motion in the human visual system

Illusory motion in depth - Aftereffect of adaptation to changing size

State reversals of optically induced tilt and torsional eye movements

Experiments on the detection of roll motion

Thresholds of perception for periodic linear motion

Subjective Lorentz transformations and the perception of motion

The effect of the position of the axis of rotation on the discomfort caused by whole-body roll and pitch vibrations of seated persons

Individual variability and its effect on subjective and biodynamic response to whole-body vibration

Comparison of the visual perception of a runway model in pilots and nonpilots during simulated night landing approaches

Two factors in the perception of velocity at a distance

Subjective motion and acceleration induced by the movement of the observer's entire visual field

The effect of helmet loader G-cueing on pilot's simulator performance

Platform motion for fighter simulations --- flight training simulators

Smooth eye tracking and the perception of motion in the absence of real movement

Analytical evaluation of two motion washout techniques

Optically induced self-motion perception

Visual-vestibular interaction during

## MOTION PICTURES

Safety helmet-head interaction study using high-speed cineradiography

## MOTION SICKNESS

Motion sickness and otolith sensitivity - A pilot study of habituation to linear acceleration

Learned control of multiple autonomic responses to compensate for the debilitating effects of motion sickness

Psychosomatic health: Simultaneous control of multiple autonomic responses by humans - A training method

Role of humoral-hormonal factors in human predisposition to motion sickness

Influence of vestibular stimuli on adrenergic and cholinergic activity of blood

Human physiological responses during swinging with periodic rotations

Physiological responses under the action of Coriolis acceleration

Bidirectional overadaptation achieved by executing leftward or rightward head movements during unidirectional rotation

Visual counteraction of nauseogenic and disorienting effects of some whole-body motions - A proposed mechanism

Increased secretion of growth hormone, prolactin, antidiuretic hormone, and cortisol induced by the stress of motion sickness

Increased urinary excretion of triiodothyronine /T3/ and thyroxine /T4/ and decreased serum thyrotropic hormone /TSH/ induced by motion sickness

Experimental study of some aspects of motion sickness pathology

Prevention of motion sickness in flight maneuvers, aided by transfer of adaptation effects acquired in the laboratory - Ten consecutive referrals

Vestibular-visual interactions in flight simulators

Prediction of motion sickness incidence: a statistical examination of three approaches

# SUBJECT INDEX

# MUSCULAR FATIGUE

- Certain aspects of the vestibular problem in space medicine  
[NASA-TM-75067] p0087 N78-16604
- Cardiovascular reactions to orthostatic tests and human resistance to vestibular stimuli p0115 N78-18724
- Oxygen content of blood during prolonged rocking p0125 N78-19766
- Possible mechanisms of motion and space sickness p0170 N78-22631
- Experimental vertigo, ataxia and motion sickness: Visual-vestibular interaction on earth and in space p0170 N78-22633
- Model of motion sickness in dogs used to evaluate efficacy of pharmacological agents p0176 N78-22678
- Motion sickness susceptibility: A retrospective comparison of laboratory tests [AD-A053161] p0248 N78-28790
- MOTION SICKNESS DRUGS**
- Absorptive function of the small intestine during administration of the aerovit drug under motion-sickness conditions p0160 A78-36124
- Model of motion sickness in dogs used to evaluate efficacy of pharmacological agents p0176 N78-22678
- MOTION SIMULATORS**
- Platform motion for fighter simulations --- flight training simulators [AIAA 78-1574] p0290 A78-50655
- Optimal control theory applied to the design of cue shaping filters for motion-base simulators [AIAA 78-1575] p0290 A78-50656
- Motion - Methods and requirements --- flight training simulators [AIAA 78-1576] p0290 A78-50657
- Depth perception and motion cues via textured scenes --- in flight simulators [AIAA 78-1577] p0290 A78-50658
- A model for the pilot's use of motion cues in roll-axis tracking tasks [AD-A043690] p0008 N78-10706
- Analytical evaluation of two motion washout techniques [NASA-CR-154582] p0014 N78-11712
- A comparison of washout filters using a human dynamic orientation model [NASA-CR-154581] p0014 N78-11713
- G-seat system step input and sinusoidal response characteristics [NASA-TM-78478] p0226 N78-26741
- MOTION STABILITY**
- NT AIRCRAFT STABILITY**
- Linear problem of stabilizing biped walk p0104 A78-27155
- MOTIVATION**
- ACTH fragments and verbal learning [IZP-1977-15] p0225 N78-26733
- Some effects of Org. 2766 on various performance tasks [IZP-1977-18] p0225 N78-26734
- ACTH 4-10 and adaptive learning [IZP-1977-13] p0226 N78-26736
- MOTOR SYSTEMS (BIOLOGY)**
- U EFFERENT NERVOUS SYSTEMS**
- MOTOR VEHICLES**
- NT AUTOMOBILES**
- Summary report: Workshop on Vehicle Ride Quality [NASA-CP-2013] p0013 N78-11705
- MOUNTAIN INHABITANTS**
- Optimal rate of work for mountaineers p0217 A78-42007
- Retinal hemorrhage in high mountain climbers p0258 A78-47113
- Multinational Andean Genetic and Health Program. VII - Lung function and physical growth - Multivariate analyses in high- and low-altitude populations p0298 A78-52639
- Pulmonary gas exchange, diffusing capacity in natives and newcomers at high altitude p0302 A78-53711
- MRCA AIRCRAFT**
- NGL advances --- valveless LOX converter for Tornado aircraft p0274 A78-50085
- NEP**
- U MODULATION TRANSFER FUNCTION**
- MUCOUS**
- The effect of chronic exposure to pure oxygen at normal pressure in the mucous-ciliary function of air passages p0059 A78-20549
- MULTI-ROLE COMBAT AIRCRAFT**
- U MRCA AIRCRAFT**
- MULTIPLETS**
- U FINE STRUCTURE**
- MULTISPECTRAL PHOTOGRAPHY**
- Multispectral photographic analysis - A new quantitative tool to assist in the early diagnosis of thermal burn depth p0105 A78-27728
- MULTIVARIATE STATISTICAL ANALYSIS**
- NT REGRESSION ANALYSIS**
- The false positive stress test - Multivariate analysis of 215 subjects with hemodynamic, angiographic and clinical data p0026 A78-14646
- The use of methods of multivariate statistics for the automatic recognition of anomalies in records of background EEG p0052 A78-18537
- Human monitoring and control behavior models and experiments [NLR-TM-77010-U] p0226 N78-26737
- MUSCLES**
- NT MYOCARDIUM**
- Phosphagen and lactate contents of m. quadriceps femoris of man after exercise p0033 A78-15522
- Attempt at the detection of muscular bubbles through measurement of bioelectric impedance - First experimental results with affected rats and dogs p0058 A78-20541
- Investigation of the regulation system for vertical posture by means of vibrational stimulation of muscle spindles p0071 A78-21178
- Effect of constant magnetic field on resting potential, ionic conductivity and neuromuscular transmission in smooth muscles p0081 A78-22074
- Time course of change in soleus muscle fibers of rats subjected to chronic centrifugation p0161 A78-36156
- Blood flow and relative tissue PO2 of brain and muscle - Role of carotid chemoreceptors p0297 A78-52542
- Intracellular pH and bicarbonate concentration in human muscle during recovery from exercise p0297 A78-52545
- Measurement of passive electrical properties of muscle: Techniques and applications p0061 N78-14774
- Effects of maturation and hypoxia on skeletal muscle p0085 N78-16584
- The effect of acute arterial hypoxia on the parameters of O2 supply and demand in the resting gracilis muscle of the anesthetized dog p0085 N78-16589
- Vestibulotonic reflexes in muscles of the rat hind limb following a flight on Kosmos-605 p0118 N78-18745
- Isozyme composition of lactate dehydrogenase of rat skeletal muscles after flight in Kosmos-690 biosatellite p0125 N78-19760
- Effects of space flights and concomitant radiation on amino acid metabolism in rat skeletal muscles p0125 N78-19761
- Effect of prolonged weightlessness on metabolism of proteins in red and white skeletal muscles of rats p0175 N78-22671
- The energetics of isolated cardiac muscle p0246 N78-28780
- Biochemical adaptations of antigravity muscle fibers to disuse atrophy [NASA-CR-151822] p0275 N78-30796
- MUSCULAR FATIGUE**
- Recuperation after muscular fatigue by 'diverting activities' p0102 A78-26742

# MUSCULAR FUNCTION

# SUBJECT INDEX

A central nervous component in local muscular fatigue p0102 A78-26743  
 The lack of influence of reactive hyperemia on exhausting rhythmic or static exercise p0102 A78-26745  
 Effects of simulated altitude training on aerobic and anaerobic power p0103 A78-26746  
 Interrelationship of catecholamines and corticosteroids during muscle fatigue p0156 A78-34785  
 Influence of posture on isometric fatigue p0258 A78-47207

## MUSCULAR FUNCTION

Muscular control of movements with one degree of freedom. I - Single movements p0034 A78-15996  
 Glucose delivery - A modulator of glucose uptake in contracting skeletal muscle p0055 A78-19143  
 Comparison of analysis techniques for electromyographic data p0078 A78-21735  
 Evaluating the role of sensory innervation of extraocular muscles in the habituation of vestibulo-oculomotor responses p0081 A78-22500  
 Functioning of intramuscular peripheral hearts in the dog under conditions of general hypothermia p0084 A78-24595  
 Formation mechanism for rhythmic extended action potentials of peripheral nerves and muscles p0104 A78-27668  
 Synaptic transmission in muscles and mechanisms of mediator action p0106 A78-28096  
 Increased contractile potential of papillary muscles from exercise-trained rat hearts p0154 A78-33524  
 Characteristics of voluntary control of respiratory movements in man during muscular work of varying power p0197 A78-37750  
 Hypodynamia and the cardiovascular system --- Russian book p0197 A78-37884  
 Modern concepts on the contraction-relaxation mechanism of the myocardium p0198 A78-38752  
 Functional system of antigravity and modeling of physiological effects of decreased gravity p0199 A78-38755  
 Analysis of the regulation of human respiration in transient and stable periods of muscle activity p0213 A78-41010  
 Characteristics of pressor response during voluntary and induced contraction of skeletal muscles p0218 A78-42662  
 Dynamics of thermoregulation during adaptation to strenuous muscular activity with respiratory changes p0219 A78-42668  
 Intramyocardial micropump activity during rhythmic stretching of the myocardium p0219 A78-42828  
 Propagation of pulsed wave in arterial vessels with allowance for preliminary stresses and muscular activity p0220 A78-42874  
 Metabolic and cardiovascular adjustment to arm training p0236 A78-43791  
 Increased heat production of muscular contraction after cold adaptation p0237 A78-44009  
 Metabolic characteristics of rapidly and slowly developing fatigue p0238 A78-44217  
 Modulation of autonomic correlates of emotional stress and adaptive responses p0242 A78-46453  
 Emotional state and orthostatic reactions p0262 A78-47960  
 Movements of the eyes --- Book p0266 A78-48506  
 Quantitative systems analysis of various regimes of intense muscular loading

X-ray photogrammetric analysis of skeletal spatial motions p0292 A78-51320  
 The effects of middle ear muscle contraction upon high level exposure to pure tones and upon the transmission of low level pure tones p0061 A78-14775  
 Comprehensive study interrelating cardiac function and fundamental muscle mechanics p0064 A78-15673  
 State of rat muscle motoneuron system in the case of restricted mobility p0086 A78-16595  
 Contractile function of the myocardium with prolonged hypokinesia in patients with surgical tuberculosis [NASA-TN-75115] p0175 A78-22674  
 Porcine Malignant hyperthermia: Studies on isolated muscle strips p0224 A78-26726  
 Effects of weightlessness and hypokinesia on contractility of bundles of glycerin-treated rat muscle fibers p0245 A78-28772  
 p0307 A78-32689

## MUSCULAR STRENGTH

Pull force capabilities for parachute ripcord release [MEMO-33] p0312 A78-32723

## MUSCULAR TONUS

### NT HYPOTONIA

The problem of tension and tonus in health and disease as related to circulation p0218 A78-42660  
 The microvibrations of the body, an index for examination stress p0272 A78-49297  
 A mathematical analysis of the musculo-skeletal system of the human shoulder joint p0087 A78-16600  
 Some latency and relaxation measures of the acoustic reflex in response to white noise and pure tones, in subjects with normal hearing and subjects with sensorineural hearing loss

## MUSCULOSKELETAL SYSTEM

NT BONES  
 NT CARTILAGE  
 NT CEREBRUM  
 NT COLLAGENS  
 NT CONGENERS  
 NT CONNECTIVE TISSUE  
 NT FEMUR  
 NT JOINTS (ANATOMY)  
 NT KNEE (ANATOMY)  
 NT SKULL  
 NT VERTEBRAE  
 NT VERTEBRAL COLUMN  
 NT WRIST

Muscular control of movements with one degree of freedom. I - Single movements p0034 A78-15996  
 Fatty acid profile and cholesterol in skeletal muscle of trained and untrained men p0050 A78-18083  
 Glucose delivery - A modulator of glucose uptake in contracting skeletal muscle p0055 A78-19143  
 The determination of biomechanical parameters of the vertebro-muscular axis in man p0058 A78-20544  
 Response of the skeletal system to helicopter-unique vibration p0076 A78-21721  
 Functional system of antigravity and modeling of physiological effects of decreased gravity p0199 A78-38755  
 Heat production in isolated skeletal muscles from albino rats adapting to cold p0238 A78-44218  
 Blood flow speed in microvessels of skeletal muscle p0241 A78-45987  
 Interactive modeling and analysis of dynamic systems with applications to the musculoskeletal structure p0007 A78-10703  
 Effects of maturation and hypoxia on skeletal muscle p0085 A78-16584

- A mathematical analysis of the musculo-skeletal system of the human shoulder joint p0087 N78-16599
- Dynamics and certain mechanisms in the changes of the skeletal-muscular system of man under bedrest conditions [NASA-TN-75073] p0088 N78-16608
- Lactate dehydrogenase isozymes of rat skeletal muscles following a space flight and with hypokinesia p0111 N78-18689
- The role of skeletal muscle tone in regulation of orthostatic circulation p0125 N78-19765
- Modelling of oxygen autoregulation in canine skeletal muscle p0165 N78-22583
- The effect of various augmented visual feedback techniques on adult skeletal muscle p0177 N78-22690
- Comparison of blood flow in normal subjects during applications of heat, cold, and exercise at therapeutic levels p0178 N78-22691
- Simulation responses of a control model of human skeletal muscle p0179 N78-22701
- Computer simulation of human thoracic skeletal response: Abstract summary report [PB-276705/1] p0180 N78-22708
- Computer simulation of human thoracic skeletal response-theory, volume 1 [PB-276706/9] p0180 N78-22709
- A general myocybernetic control model of skeletal muscle [CSIR-SR-WISK-280] p0276 N78-30809
- MUTATIONS**
- Cellular glutathione is a key to the oxygen effect in radiation damage p0099 A78-25561
- Results of biological experiments performed during flights --- onboard Soyuz spacecraft p0194 A78-36641
- Study of mutagenic stimulation in *Chlorella* p0197 A78-37760
- Germination-defective mutant of *Neurospora crassa* that responds to siderophores p0217 A78-41823
- Neutral changes during divergent evolution of hemoglobins p0260 A78-47893
- Molecular basis for the mutagenic and lethal effects of ultraviolet irradiation [TID-27764] p0122 N78-19745
- Basic aspects of radiation action on microorganisms [COO-2362-26] p0123 N78-19746
- Late biological effects of ionizing radiation as influenced by dose, dose rate, age at exposure, and genetic sensitivity to neoplastic transformation [LA-UR-78-681] p0283 N78-31724
- MYOCARDIAL INFARCTION**
- A spatial-temporal filtering procedure for cardiac potential mapping p0158 A78-35193
- Model-based hemodynamic indicators of left ventricular performance in acute myocardial infarction p0178 N78-22693
- Development of radiation lesions to the rat heart during a space flight (experimental morphological study) p0307 N78-32690
- MYOCARDIUM**
- Myocardial oxygen consumption - The role of wall force and shortening p0019 A78-13483
- Effects of acute prolonged hypoxia on cardiovascular dynamics in dogs p0033 A78-15518
- Choline acetyltransferase activity in heart - Evidence for neuronal and not myocardial origin p0055 A78-19144
- Myocardial contracture and accumulation of mitochondrial calcium in ischemic rabbit heart p0055 A78-19145
- Noninvasive analysis of regional myocardial wall motion Cardiokymography p0055 A78-19147
- Efficiency of the myocardium after adaptation to hypoxia p0072 A78-21197
- Thallium-201 myocardial perfusion scintigraphy for the clinical clarification of normal, abnormal and equivocal electrocardiographic stress tests p0073 A78-21450
- Study of left ventricular wall thickness and dimension changes using echocardiography p0137 A78-30725
- Biological effect of a weak low-frequency pulsed electromagnetic field --- myocardium activity p0138 A78-31473
- Extent of utilization of the Frank-Starling mechanism in conscious dogs --- preload effects on myocardial regulation p0154 A78-33522
- Myocardial PO2 distribution - Relationship to coronary autoregulation p0154 A78-33523
- Modern concepts on the contraction-relaxation mechanism of the myocardium p0198 A78-38752
- Chronotropic reserves of the myocardium p0218 A78-42655
- Resistance of the myocardium to loads under high-altitude conditions p0218 A78-42658
- Intramyocardial micropump activity during rhythmic stretching of the myocardium p0219 A78-42828
- Effect of intermittent high altitude hypoxia on the synthesis of collagenous and non-collagenous proteins of the right and left ventricular myocardium p0235 A78-43747
- Contractile function of the myocardium and energy supply during experimental hyperfunction of the heart in animals of different age p0237 A78-44090
- The adaptation and the loss of adaptation of the myocardium of rats accustomed to hypoxia p0238 A78-44216
- Substrate effects on myocardial performance during normoxia and hypoxia p0261 A78-47949
- Analysis of the contractility of the myocardium of different heart chambers by means of comparing the isometric contraction of isolated stria and the strain-gage recording of isometric stress of the myocardium of an intact functioning heart p0270 A78-48753
- Mathematical model of the contractile activity and the chronotropicism of the myocardium p0270 A78-48755
- Investigation of the output of the left ventricle of the human heart p0270 A78-48756
- Contractile function of the myocardium with prolonged hypokinesia in patients with surgical tuberculosis [NASA-TN-75115] p0224 N78-26726
- The energetics of isolated cardiac muscle p0246 N78-28780
- The importance of the Myocardial Depressant Factor (MDF) for the occurrence of irreversible shock. A literature study [MBL-1977-5] p0253 N78-29743
- MYOELECTRIC POTENTIALS**
- Functioning of intramuscular peripheral hearts in the dog under conditions of general hypothermia p0084 A78-24595
- A new model of nerve action potential and the existence of a pulse solution p0109 N78-18676
- MYOELECTRICITY**
- NT MYOELECTRIC POTENTIALS**
- Glucose delivery - A modulator of glucose uptake in contracting skeletal muscle p0055 A78-19143
- Measurement of passive electrical properties of muscle: Techniques and applications p0061 N78-14774

## N

## NARCOTICS

- Flurazepam effects on slow-wave sleep - Stage 4 suppressed but number of delta waves constant

## NASA PROGRAMS

## SUBJECT INDEX

NASA PROGRAMS p0032 A78-15312

NT APOLLO PROJECT

NT SKYLAB PROGRAM

NT TERMINAL CONFIGURED VEHICLE PROGRAM

NT VIKING MARS PROGRAM

Life sciences selected experiments for the first joint NASA/ESA Spacelab mission p0169 N78-22622

Space life sciences pilot user development program for the midwest region [NASA-CR-151819] p0251 N78-29723

NASA STRUCTURAL ANALYSIS PROGRAM

U NASTRAN

NASTRAN

Determination of the biomechanical parameters of man's vertebrum axis --- using NASTRAN p0174 N78-22666

NAUSEA

Coriolis cross-coupling effects - Disorienting and nauseogenic or not p0078 A78-21737

Visual counteraction of nauseogenic and disorienting effects of some whole-body motions - A proposed mechanism p0078 A78-21738

NAVIGATION

NT ALL-WEATHER AIR NAVIGATION

NT ASTRONAVIGATION

NT RADAR NAVIGATION

NT SPACE NAVIGATION

NAVIGATORS

Visual Workload of the copilot/navigator during terrain flight --- of the UH-1 helicopter p0090 N78-16623

Investigation of personality traits of pilots and navigators p0119 N78-18753

NAVY

US Navy fleet aviation training program development [AD-A055788] p0284 N78-31734

NEAR ULTRAVIOLET RADIATION

Ultraviolet-photoproduced organic solids synthesized under simulated Jovian conditions - Molecular analysis p0105 A78-28049

NECK (ANATOMY)

Vestibular and somatosensory interaction in the cat vestibular nuclei p0023 A78-14064

Mathematical modeling of the head and neck response to -G/x/ impact acceleration /minimum articulation requirements/ p0075 A78-21715

Comprehensive, three-dimensional head-neck model for impact and high-acceleration studies p0075 A78-21716

Prediction of head/neck dynamic response of selected military subjects to -G/x/ acceleration p0075 A78-21717

Predictive model of dynamic response of the human head/neck system to -G/x/ impact acceleration p0076 A78-21718

Permanent changes in the spines of military parachutists p0161 A78-36159

Head and neck mobility of pilots measured at the eye [ARC-R/M-3803] p0062 N78-14781

NEGATIVE FEEDBACK

NT SENSORY FEEDBACK

Fast, rate-sensitive corticosteroid negative feedback during stress p0082 A78-23649

Site of fast, rate-sensitive feedback inhibition of adrenocorticotropin secretion during stress p0082 A78-23650

NEOPLASMS

NT LEUKEMIAS

Development of neoplasms in dogs after chronic exposure to gamma radiation delivered at a low dose rate p0185 N78-23721

Late biological effects of ionizing radiation as influenced by dose, dose rate, age at exposure, and genetic sensitivity to neoplastic transformation [LA-UR-78-681] p0283 N78-31724

NEPTUNE (PLANET)

Some general principles of planetary quarantine

leading to an assessment of the limitations to growth of micro-organisms on Uranus and Neptune p0028 A78-15188

NERVES

A new model of nerve action potential and the existence of a pulse solution p0109 N78-18676

Nerve form and function: Some cellular aspects of action potential initiation and propagation p0112 N78-18698

State of rat muscle motoneuron system in the case of restricted mobility p0175 N78-22674

NERVOUS SYSTEM

NT AFFERENT NERVOUS SYSTEMS

NT AUTONOMIC NERVOUS SYSTEM

NT AXONS

NT BRAIN

NT BRAIN STEM

NT CENTRAL NERVOUS SYSTEM

NT CEREBELLUM

NT CEREBRAL CORTEX

NT CEREBRUM

NT EFFERENT NERVOUS SYSTEMS

NT GANGLIA

NT NERVES

NT NEURONS

NT PERIPHERAL NERVOUS SYSTEM

NT SPINAL CORD

NT SPINE

NT SYMPATHETIC NERVOUS SYSTEM

NT SYNAPSES

NT THALAMUS

Temporal properties of the human visual nervous system p0037 A78-17097

Investigation of the regulation system for vertical posture by means of vibrational stimulation of muscle spindles p0071 A78-21178

Hierarchic multilevel system for the control of some physiological functions p0104 A78-27572

Review of animal experiments --- noise effects on bodily functions other than hearing p0240 A78-45505

Relationships between central and local mechanisms for regulation of hemodynamics p0242 A78-46452

Dynamics of reflex reactions of arteries and veins during variation of the functional state of vasomotor centers p0243 A78-46454

The mechanism of the influence of solar-activity oscillations on the human organism --- effect on mortality and human nervous system p0164 N78-22579

Clinical aspects of changes in the nervous system in the course of 49-day antiorthostatic hypokinesia p0175 N78-22673

Dependence of the reaction of the human nervous system on the distribution of absorbed doses of ionizing radiation p0280 N78-31704

NETS

NT NEURAL NETS

NEURAL NETS

Bioengineering approach to the study of mechanisms of coding of external stimuli in the human retina and the role of these mechanisms in the visual process p0239 A78-45320

Neuronal network in the retina - Interactions between photoreceptors /cones/ and horizontal cells p0296 A78-52444

NEUROLOGY

An investigation of possible correlations between individual pilot performance and Neurological functions [AD-A045372] p0045 N78-13739

Some psychoneurological requirements in assessing inflight functional state of cosmonauts p0115 N78-18721

Functional localization in the nucleus rotundus [AD-A047717/4] p0122 N78-19743

Interaction between microwave and neuroactive compounds

**NEUROMUSCULAR TRANSMISSION** p0166 N78-22597  
 Personalized, electro-kinematic, neuromuscular model of a human forearm p0077 A78-21726  
 Effect of constant magnetic field on resting potential, ionic conductivity and neuromuscular transmission in smooth muscles p0081 A78-22074  
 Synaptic transmission in muscles and mediator action p0106 A78-28096  
 Neuromuscular hyperexcitability and occupational selection p0139 A78-31802  
 Characteristics of voluntary control of respiratory movements in man during muscular work of varying power p0197 A78-37750  
 Changes of closely related enzymes and minerals to neuro-muscular systems of albino rats, during prolonged exposure to simulated hypogravics p0268 A78-48645  
 Excitability of neuromuscular system of monkeys during orthostatic tests p0177 N78-22685  
 Some features of the bioelectric activity of the muscles with prolonged hypokinesia [NASA-TN-75116] p0225 N78-2672  
 An analysis of neuromuscular function at hyperbaric pressures p0245 N78-28773

**NEURON TRANSMISSION**  
 U BIOELECTRICITY  
**NEURONS**  
 Response of medullary respiratory neurons to hypercapnia and isocapnic hypoxia p0033 A78-15521  
 Investigation of the effect of electrical pain stimulation of the skin on the reflex excitation of human alpha-motoneurons p0052 A78-18538  
 Choline acetyltransferase activity in heart - Evidence for neuronal and not myocardial origin p0055 A78-19144  
 Current problems of neurochemical investigations of memory p0072 A78-21348  
 The hypothalamus and the visual system p0081 A78-22075  
 Characteristics of heat-sensitive neurons in the posterior hypothalamus p0081 A78-22498  
 Physics of the nerve impulse p0081 A78-23498  
 Responses of the frog's cerebellar neurons to caloric vestibular stimuli of different intensity p0100 A78-26611  
 The functional and chemical characteristics of choline-sensitive neurons in the cortex of the brain p0136 A78-30399  
 Energy characteristics of nerve cell adaptation p0214 A78-41015  
 Alterations in the surface properties of cells responsive to nerve growth factor p0217 A78-42459  
 Interrelationship of the properties of visual neurons p0292 A78-51319  
 Further investigation of the spontaneous and evoked activity of the primary neurons of statoreceptors (and other receptors) of the labyrinth of the bullfrog before, during and after an extended period of weightlessness, including alternative intervals of artificial gravity [NASA-CR-154507] p0005 N78-10684  
 Lipid extraction from isolated single nerve cells [NASA-TN-75043] p0011 N78-11687  
 Cytochemical studies of proteins and RNA in individual spinal cord motoneurons and spinal ganglia neurons of rats following a space flight p0118 A78-18744  
 Functional localization in the nucleus rotundus [AD-A047717/4] p0122 N78-19743  
 Electrophysiologic and pharmacologic properties of mammalian sensory neurons p0227 N78-27732

**NEUROPHYSIOLOGY**  
 Spatial frequency and the mediation of short-term visual storage p0017 A78-13117  
 Symposium on Memory Control Mechanisms, Leningrad, USSR, November 16-19, 1976, Proceedings p0051 A78-18526  
 Neuropsychological approach to the problem of brain control of the mnemonic function p0052 A78-18533  
 Neurophysiological analysis of complex forms of verbal memory p0052 A78-18534  
 Current problems of neurochemical investigations of memory p0072 A78-21348  
 Mathematical description of synapse behavior under conditions of rhythmic stimulation p0099 A78-25625  
 Responses of the frog's cerebellar neurons to caloric vestibular stimuli of different intensity p0100 A78-26611  
 Local perfusion of noradrenaline maintains visual cortical plasticity p0103 A78-26778  
 Hierarchic multilevel system for the control of some physiological functions p0104 A78-27572  
 Possibility of existence of an auditory-feedback mechanism at the periphery of hearing p0106 A78-28122  
 Prospects for developing a theory of a functional system --- applications in biology and medicine p0135 A78-30395  
 Methodological aspects of the physiology of behavior p0135 A78-30396  
 An experimental analysis of the multiplication of a slow wave of an evoked potential --- neurophysiology p0135 A78-30397  
 The theory of a functional system as the methodological basis for the neurophysiology of behavior p0135 A78-30398  
 The functional and chemical characteristics of choline-sensitive neurons in the cortex of the brain p0136 A78-30399  
 Response of neurons of associative nuclei in the thalamus during thermal action on the anterior hypothalamus and the skin p0156 A78-34784  
 Neural organization and evolution of thermal regulation in mammals p0215 A78-41216  
 State of hypothalamo-hypophyseal neurosecretory system during hyperbaric oxygenation p0273 A78-49700  
 The consolidation process and some of its neurochemical mechanisms p0292 A78-51318  
 Interrelationship of the properties of visual neurons p0292 A78-51319  
 Effect of hypokinesia on the contractile function and neural regulation of the heart p0302 A78-53789  
 Vestibular functions and sleep in space experiments --- using rhesus and owl monkeys p0009 N78-11670  
 Mathematical model of the vestibuloocular reflex p0165 N78-22584  
 Development of neurophysiological and behavioral metrics of human performance [AD-A053018] p0232 N78-27770

**NEUROSCIENCE**  
 U NEUROLOGY  
**NEUROSES**  
 Interrelation of psychosomatic troubles and psychoneurotic troubles in aeronautics p0258 A78-46958

**NEUROSPORA**  
 Germination-defective mutant of *Neurospora crassa* that responds to siderophores p0217 A78-41823

**NEUTRAL PARTICLES**  
 NT FAST NEUTRONS  
**NEUTRON IRRADIATION**  
 Total body calcium analysis using the Ca-12(n,

- alpha) Ar-37 reaction  
[NASA-CR-151675] p0178 N78-22696
- NEUTRONS**
- NT FAST NEUTRONS**
- NICKEL ALLOYS**
- NT INCONEL (TRADEMARK)**
- NICKEL COMPOUNDS**  
Toxicology and metabolism of nickel compounds  
[COO-3140-36] p0225 N78-26728
- NIGHT FLIGHTS (AIRCRAFT)**  
Perceived orientation of a runway model in  
nonpilots during simulated night approaches to  
landing p0133 A78-29556
- NIGHT VISION**  
Scotopic luminosity function and color-mixture data  
--- role of rods in color vision p0035 A78-16081
- Comparison of the visual perception of a runway  
model in pilots and nonpilots during simulated  
night landing approaches p0265 A78-48076
- Perceived orientation of a runway model in  
nonpilots during simulated night approaches to  
landing  
[AD-A044553] p0041 N78-12668
- Night vision and dark adaptation. A bibliography  
with abstracts**  
[NTIS/PS-78/0206/9] p0189 N78-23745
- Vision at low luminance levels in aviation  
p0248 N78-28795
- Comparison of the visual perception of a runway  
model in pilots and nonpilots during simulated  
night landing approach  
[AD-A054450] p0249 N78-28806
- Correlations between night vision tests  
[FOA-C-56014-H9] p0283 N78-31726
- NIMPH (ENGINE)**
- U HYDRAZINE ENGINES**
- NITRATES**  
Acute and sub-acute inhalation toxicity of  
peroxyacetyl nitrate and ozone in rats  
p0024 A78-14192
- NITRIC OXIDE**  
Biological effects of NO, NO<sub>2</sub>, SO<sub>2</sub> and  
combinations thereof: Acute action on human and  
rat blood in vitro - Chronic action on the lung  
and blood of rats due to pollution-level  
concentrations p0036 A78-16474
- NITRILES**  
**NT ACRYLONITRILES**  
Far UV irradiation of model prebiotic atmospheres  
p0056 A78-19367
- NITROBACTER**  
Marine microbiology  
[COO-3565-08] p0043 N78-13722
- NITROGEN**  
Emptying patterns of the lung studied by  
multiple-breath N<sub>2</sub> washout p0131 A78-29034
- Survivorship of *Drosophila* in nitrogen reduced  
hypobaric atmospheres --- spacecraft atmosphere  
studies p0157 A78-35109
- Development of a non-cryogenic nitrogen/oxygen  
supply system --- for spacecraft environments  
[NASA-CR-151542] p0008 N78-10704
- Physiological studies of nitrogen fixation by  
blue-green algae p0039 N78-12647
- Evaluation of a spacecraft nitrogen generator  
[NASA-CR-152097] p0189 N78-23748
- NITROGEN COMPOUNDS**
- NT AMMONIA**
- NT ATROPINE**
- NT CAFFEINE**
- NT HYDROCYANIC ACID**
- NT NITRATES**
- NT NITRIC OXIDE**
- NT NITROGEN DIOXIDE**
- NT NITROGEN OXIDES**
- NT NITROSAMINE**
- NT NITROUS OXIDES**
- NITROGEN DIOXIDE**  
Biological effects of NO, NO<sub>2</sub>, SO<sub>2</sub> and  
combinations thereof: Acute action on human and  
rat blood in vitro - Chronic action on the lung  
and blood of rats due to pollution-level  
concentrations p0036 A78-16474
- Effect of carbon monoxide and nitrogen dioxide on  
ICR mice p0081 A78-22494
- Tolerance and cross-tolerance using NO<sub>2</sub> and O<sub>2</sub>. I  
- Toxicology and biochemistry p0130 A78-29030
- Tolerance and cross-tolerance using NO<sub>2</sub> and O<sub>2</sub>. II  
- Pulmonary morphology and morphometry p0130 A78-29031
- The effect of nitrogen dioxide on lung function in  
normal subjects  
[PB-277671/4] p0225 N78-26731
- Effects of nitrogen dioxide on pulmonary function  
in human subjects  
[PB-281186/7] p0316 N78-33723
- NITROGEN METABOLISM**  
The length of the transition period from the  
reducing to the neutral biosphere --- by  
evidence of nitrogen fixation evolution p0026 A78-14681
- Disruption of the deamination of monoamines and  
other nitrogenous compounds under conditions of  
stimulated peroxidation of endogenous lipids of  
brain tissue mitochondrial membranes p0056 A78-19885
- Marine microbiology  
[COO-3565-08] p0043 N78-13722
- Protective effects of 2-aminobenzimidazole during  
hyperbaric oxygenation, and state of cerebral  
nitrogen metabolism p0307 N78-32687
- NITROGEN OXIDES**
- NT NITRIC OXIDE**
- NT NITROGEN DIOXIDE**
- NT NITROUS OXIDES**  
Nitrogen oxides: Current status of knowledge  
[EPRI-EA-668] p0283 N78-31723
- NITROSAMINE**  
Nitrosamines  
[PB-280479/7] p0284 N78-31727
- NITROUS OXIDES**  
An assessment of a N<sub>2</sub>O rebreathing method for the  
estimation of cardiac output during severe  
exercise p0259 A78-47492
- NMR**
- U NUCLEAR MAGNETIC RESONANCE**
- NOBLE GASES**
- U RARE GASES**
- NOISE (SOUND)**
- NT AIRCRAFT NOISE**
- NT JET AIRCRAFT NOISE**
- NT SONIC BOOMS**  
Noise exposure, monitoring and tracking  
performance as a function of signal bias and  
task priority p0195 A78-36676
- The effect of temporal parameters on the  
suprathreshold continuous/interrupted separation  
in normal hearing subjects p0064 N78-15675
- Tables for the estimation of noise-induced hearing  
loss  
[NPL-AC-61-REV] p0188 N78-23743
- Detection of an octave band of noise as a function  
of stimulus presentation  
[AD-A053756] p0231 N78-27760
- NOISE ATTENUATION**
- U NOISE REDUCTION**
- NOISE ELIMINATION**
- U NOISE REDUCTION**
- NOISE HAZARDS**
- U HAZARDS**
- U NOISE (SOUND)**
- NOISE INJURIES**  
Effect of high-intensity impulse noise on the  
hearing organ --- jet engine noise effects  
p0103 A78-27098
- Bleeding into inner ears of chinchillas caused by  
simulated sonic boom p0294 A78-51847
- An audiometric and histologic comparison of noise-  
and drug-induced cochlear pathology in the  
chinchilla p0301 A78-53398
- Acute changes in inner ears of laboratory animals  
caused by simulated sonic booms

# SUBJECT INDEX

# NUCLEIC ACIDS

[UTIAS-211] p0039 N78-12649  
 Computerized classification of auditory trauma:  
 Results of an investigation on screening  
 employees exposed to noise p0040 N78-12658  
 [NASA-TN-75062]  
 Transmission of impulse noise to the inner ear in  
 the guinea pig by the recording of the  
 intracochlear pressure. Evaluation of phenomena  
 leading to injuries p0148 N78-21749  
 [ISL-R-103/77]  
**NOISE INTENSITY**  
 Effect of high-intensity impulse noise on the  
 hearing organ --- jet engine noise effects p0103 A78-27098  
 Consequences of noise on the organism -  
 Consideration of the present state of the question p0138 A78-31801  
 The effect of sound duration on annoyance p0294 A78-51841  
 Effects of noise and hearing acuity upon visual  
 depth perception and safety among humans  
 [PB-280365/8] p0277 N78-30812  
**NOISE MEASUREMENT**  
 Experiments on the noise heard by human beings  
 when exposed to atmospheric winds p0200 A78-39347  
**NOISE POLLUTION**  
 Consequences of noise on the organism -  
 Consideration of the present state of the question p0138 A78-31801  
 Health effects of noise exposure p0239 A78-45504  
 Review of animal experiments --- noise effects on  
 bodily functions other than hearing p0240 A78-45505  
 Medical effects of environmental noise on humans p0240 A78-45506  
 Effects of aircraft noise on mental health p0240 A78-45507  
 Noise-induced sleep disturbances and their effects  
 on health p0240 A78-45508  
 Defensive activation toward noise p0240 A78-45509  
 Behavioral and physiological correlates of varying  
 noise environments: Annotated bibliography  
 [PB-267565/0] p0007 N78-10698  
 Federal noise research in noise effects  
 [PB-280335/1] p0284 N78-31733  
**NOISE REDUCTION**  
 Application of commercially available filter  
 components for psychoacoustic testing p0273 A78-49898  
 Linear noise-attenuating earphone  
 [AD-A048846] p0127 N78-19775  
**NOISE SUPPRESSORS**  
 U NOISE REDUCTION  
**NOISE THRESHOLD**  
 Remarks on tonal threshold and voice  
 discrimination during negative acceleration in  
 normal subjects and in subjects who have  
 undergone endolymphatic-cerebrospinal fluid  
 shunt operations p0020 A78-13512  
 Temporal stereopsis and dynamic visual noise p0037 A78-17098  
 The role of the acoustic reflex in the acquisition  
 of temporary threshold shift p0039 N78-12653  
 The effort of noise exposure on the masking level  
 difference p0314 N78-33709  
**NOISE TOLERANCE**  
 Ride quality criteria of multifactor environments  
 --- of transportation systems p0099 A78-24911  
 Effects of infrasound on cognitive performance p0139 A78-31842  
 Visual-field displacements in human beings evoked  
 by acoustical transients p0239 A78-45397  
 Continuing studies of noise and cardiovascular  
 function p0240 A78-45510  
 Behavioral and physiological correlates of varying  
 noise environments  
 [PB-271713/0] p0046 N78-13745  
**NONADIABATIC PROCESSES**  
 U HEAT TRANSFER

**Nonequilibrium Conditions**  
 A possible molecular mechanism by which solar  
 activity affects biosphere processes ---  
 associated with nonequilibrium of living systems p0164 N78-22574  
 Condition sensor system and method  
 [NASA-CASE-HSC-14805-1] p0311 N78-32720  
**Nonlinear Equations**  
 Flow of micropolar fluid through a constricted  
 channel p0056 A78-19993  
**Nonlinear Filters**  
 A comparison of washout filters using a human  
 dynamic orientation model  
 [NASA-CR-154581] p0014 N78-11713  
**Nonreflection**  
 U ENERGY ABSORPTION  
**Nonviscous Flow**  
 U TURBULENT FLOW  
**Noradrenalin**  
 Local perfusion of noradrenaline maintains visual  
 cortical plasticity p0103 A78-26778  
**Normal Force Distribution**  
 U FORCE DISTRIBUTION  
**Northern Hemisphere**  
 NT ARCTIC REGIONS  
**Nose (Anatomy)**  
 Nose pathology of flying personnel p0249 N78-28804  
**Notation**  
 U CODING  
**Noxious Materials**  
 U CONTAMINANTS  
**Nuclear Electric Power Generation**  
 NT NUCLEAR POWER PLANTS  
**Nuclear Emulsions**  
 A note on the tissue star dose in personnel  
 radiation monitoring in space  
 [NASA-CR-151724] p0208 N78-25758  
**Nuclear Fission**  
 Biological significance of nuclear fission product  
 radionuclides p0220 A78-42899  
**Nuclear Fuels**  
 Technical and scientific aspects of sanitary and  
 safety problems in nuclear energy production  
 [ISS-P-76/9] p0113 N78-18706  
**Nuclear Interactions**  
 A note on the tissue star dose in personnel  
 radiation monitoring in space  
 [NASA-CR-151724] p0208 N78-25758  
**Nuclear Magnetic Resonance**  
 High sensitivity Fourier transform NMR.  
 Intermolecular interactions between  
 environmental toxic substances and biological  
 macromolecules  
 [PB-274011/6] p0109 N78-18675  
 Self diffusion in cells and tissues  
 [AD-A053422] p0251 N78-29727  
**Nuclear Particles**  
 NT POSITRONS  
**Nuclear Power Plants**  
 Technical and scientific aspects of sanitary and  
 safety problems in nuclear energy production  
 [ISS-P-76/9] p0113 N78-18706  
 Health and safety impacts of nuclear, geothermal,  
 and fossil-fuel electric generation in  
 California. Volume 2: Radiological health and  
 related standards for nuclear power plants  
 [LBL-5285-VOL-2] p0146 N78-20769  
**Nuclear Radiation**  
 NT FAST NEUTRONS  
 NT GAMMA RAYS  
 ORIS: The Oak Ridge Imaging System program listings  
 [ORNL/TM-5875-V3] p0283 N78-31722  
**Nuclear Reactions**  
 NT NUCLEAR FISSION  
 NT NUCLEAR INTERACTIONS  
 NT PHOTOPRODUCTION  
**Nuclear Research**  
 New imaging systems in nuclear medicine  
 [COO-3333-30] p0124 N78-19754  
**Nuclei (Nuclear Physics)**  
 NT HEAVY NUCLEI  
**Nucleic Acids**  
 NT DEOXYRIBONUCLEIC ACID  
 NT RIBONUCLEIC ACIDS



## NUCLEOSIDES

## SUBJECT INDEX

Amino acid-directed nucleic acid synthesis - A possible mechanism in the origin of life p0219 A78-42845

Motor activity and prevention of consequences of hypokinesia (on the basis of indices of tissular metabolism) --- DNA RNA and protein content p0185 N78-23720

**NUCLEOSIDES**

NT ADENINES

NT ADENOSINE TRIPHOSPHATE

NT ADENOSINES

**NUCLEOTIDES**

NT ADENINES

NT ADENOSINE TRIPHOSPHATE

NT ADENOSINES

NT PYRIDINE NUCLEOTIDES

Cyclic adenosine-3,5-monophosphate and photoreceptor potential of the retina in vertebrates p0072 A78-21196

Dynamics of the relation between cell mediators of adrenergic and cholinergic systems /cAMP-cGMP/ in the mechanisms of adaptation to hypoxia p0104 A78-27440

Codons and nearest-neighbor nucleotide pairs in mammalian messenger RNA p0219 A78-42846

Genetic code correlations - Amino acids and their anticodon nucleotides p0260 A78-47888

The genetic code as a periodic table p0260 A78-47889

Neutral changes during divergent evolution of hemoglobins p0260 A78-47893

Studies on adenine acid-soluble nucleotides content in the liver of gamma-irradiated chicken embryos p0266 A78-48442

**NUCLIDES**

NT CARBON ISOTOPES

NT KRYPTON ISOTOPES

NT RADIOACTIVE ISOTOPES

**NUMERICAL ANALYSIS**

NT ERROR ANALYSIS

NT FINITE DIFFERENCE THEORY

NT FINITE ELEMENT METHOD

**NUMERICAL CONTROL**

The mathematics of computer controlled manipulators p0083 A78-23854

**MUTATION**

Mutations of sunflower seedlings on tilted clinostats p0031 A78-15209

Simulation of circumnutations - Behaviour under different g's --- of plants p0269 A78-48684

Circumnutation and gravity p0172 N78-22646

**MUTATIONAL OSCILLATION**

**U MUTATION**

**NUTRITION**

Potential use of nutritional factors to optimize performance under stress [NASA-CR-151676] p0181 N78-22718

Nitrosamines [PB-280479/7] p0284 N78-31727

**NUTRITIONAL REQUIREMENTS**

NT CALORIC REQUIREMENTS

Food and oxygen requirements for growing mice and turtles after hypergravitational development p0030 A78-15204

Gravitational influences upon the maintenance requirements of rabbits p0030 A78-15205

Vitamins limiting for growth of subjects fed a normal diet under hyperbaric He-O2 conditions p0079 A78-21740

Anaerobic utilization of phosphite and hypophosphite by Bacillus sp. p0301 A78-53625

Working in a hot environment; perspiration loss; a drink for persons working under hot conditions, part 2 [NASA-TN-75285] p0148 N78-21751

Federal human nutrition research needs a coordinated approach to advance nutrition knowledge, volume 1 [PB-278850/3] p0233 N78-27776

Federal human nutrition research needs a coordinated approach to advance nutrition knowledge, volume 2 [PB-278851/1] p0233 N78-27777

**NYSTAGMUS**

NT VESTIBULAR NYSTAGMUS

Effect of head orientation in the gravity field on severity of caloric nystagmus p0111 N78-18691

Sensory components of optokinetic nystagmus under the influence of angular accelerations p0125 N78-19762

A device for measurement of rate of slow phase of nystagmus on the nystagmogram p0125 N78-19763

The interaction between the utricles and the semicircular canals during eccentric rotation p0314 N78-33714

## O

**OBESITY**

Disturbances of fat metabolism in flight crew personnel p0220 A78-42900

**OBSERVATION**

NT VISUAL OBSERVATION

**OCCIPITAL LOBES**

Complementary laminar terminations of afferents to area 17 originating in area 18 and in the lateral geniculate nucleus in squirrel monkey p0219 A78-42822

**OCCUPATION**

Heat stress, work function and physiological heat exposure limits in man [AD-A050008] p0146 N78-20767

Causes of death following occupational exposure to microwave radiation (radar) 1950 - 1974 p0168 N78-22614

**OCEAN SURFACE**

Psychophysiological characteristics of pilot activity during low-altitude flights over the sea p0266 A78-48410

**OCULAR CIRCULATION**

Susceptibility of the cat's visual system to hypoxia, hypotonia and circulatory arrest p0273 A78-49300

The Critical Central Retinal Fusion Frequency (CCRF) as a test of the retinal circulatory function and its relation with encephalic circulation p0172 N78-22643

**OCULOGRAPHIC ILLUSIONS**

Effects of partial body weightlessness on the vestibulo-ocular reflex in man p0258 A78-47112

**OCULOMETERS**

Applications of pilot scanning behavior to integrated display research p0056 A78-19430

Mechanism of bifixation in the act of binocular vision p0072 A78-21181

Choice and analytic techniques involving indices of visual information input. I p0257 A78-46954

An experimental investigation of the effect of 1.06 micrometers laser light on the transparent ocular media [AD-A055650] p0282 N78-31719

**OCULOMOTOR NERVES**

Evaluating the role of sensory innervation of extraocular muscles in the habituation of vestibulo-oculomotor responses p0081 A78-22500

Linear model for visual-vestibular interaction p0214 A78-41161

The effect of luminance on human smooth pursuit of perifoveal and foveal targets p0295 A78-51952

The processing of velocity information by the pursuit oculomotor system p0252 N78-29735

**OFF-ON CONTROL**

Simulation responses of a control model of human skeletal muscle p0179 N78-22701

**OFF**

**U ORBITAL FLIGHT TESTS (SHUTTLE)**

# SUBJECT INDEX

# OPERATORS (PERSONNEL)

- OILS
  - NT CRUDE OIL
  - NT FUEL OILS
  - NT LUBRICATING OILS
  - NT MINERAL OILS
- ONBOARD EQUIPMENT
  - NT AIRCRAFT EQUIPMENT
  - NT SPACECRAFT ELECTRONIC EQUIPMENT
  - Microbial load monitor [NASA-CR-151623] p0093 N78-17648
- ONTOGENESIS
  - U ONTOGENY
- ONTOGENY
  - Concerning the modeling of the critical periods of plant ontogenesis as transient processes in the organism p0214 A78-41016
- OPERATIONAL HAZARDS
  - Occupational hazards of missile operations with special regard to the hydrazine propellants p0140 A78-31843
- OPERATIONS RESEARCH
  - A strategy for the development of training devices p0153 A78-32676
  - Constraining nonmetric multidimensional scaling configurations [AD-A045800] p0045 N78-13740
- OPERATOR PERFORMANCE
  - Prediction of airborne target detection --- by human observer under varying meteorological conditions p0017 A78-13265
  - Some new control theoretic models for human operator display monitoring p0019 A78-13446
  - The forming of sensory motor habits of control and the verification of their stability as a factor in the increased reliability of an operator in a technical system complex p0022 A78-13587
  - A psychological factor in the optimization of operator function during monotonous tracking p0022 A78-13588
  - Effectiveness of the work of an operator with a command signal field as a function of the means of presentation of command information p0022 A78-13591
  - EEG diagnosis of operators p0023 A78-13596
  - Complex evaluation of the functional state of a human operator in control systems p0023 A78-13597
  - Functional structure and evaluation criteria of instrumental space operations --- cognitive and performance aspects p0023 A78-13600
  - An investigation of time-sharing ability as a factor in complex performance --- for divided-attention tasks p0054 A78-18821
  - Manipulating the conditions of training in time-sharing performance --- for compensatory tracking and keyboard digit processing tasks p0054 A78-18824
  - Effect of antiorthostatic exposure on heart-rate dynamics and quality of tracking by human operator --- space flight simulation p0071 A78-21179
  - Conceptual stress study model --- of vibration effects on human operator in tracking task p0077 A78-21728
  - Recent advances in modelling the effects of roll motion on the human operator p0077 A78-21730
  - Vision during angular oscillation - The dynamic interaction of visual and vestibular mechanisms p0078 A78-21732
  - The interaction of control gain and vibration with continuous manual control performance p0081 A78-22838
  - A review of the effects of vibration on visual acuity and continuous manual control. I - Visual acuity. II - Continuous manual control p0099 A78-26247
  - Study of the work capability of helicopter crews during a long stay on warships p0137 A78-30786
  - Simulation of the docking manoeuvre --- hybrid computer modeling for human operator performance
- in space
  - p0141 A78-32225
- A strategy for the development of training devices p0153 A78-32676
- Critical variables in adaptive motor skills training p0153 A78-32677
- Mental work-load as a function of demand, capacity, strategy and skill p0159 A78-35852
- Forgotten alternatives in skill and work-load p0159 A78-35853
- Dual task methods of assessing work-load p0160 A78-35855
- Temporal limitations of processing of visual information by a human operator p0196 A78-37745
- Influence of angular measures, duration, and shape of stimuli on detecting the order of tracking visual signals p0196 A78-37746
- Some mechanisms of visual masking p0197 A78-37747
- Dual-loop model of the human controller p0199 A78-39184
- Manual optimization of ill-structured problems --- operator performance in control task p0238 A78-44500
- Information processing under emotionally saturated conditions of activity p0261 A78-47957
- Operator activity in a state of continuous wakefulness p0262 A78-47969
- Visual work capacity under the action of overloads and elevated temperature p0263 A78-47972
- Visual work capacity of an operator p0264 A78-47985
- Effect of spectral filtering during continuous two-day work p0264 A78-47986
- Realignments of the cardiovascular system of a human operator under the action of negative gravity p0270 A78-48760
- Describing the human operator's internal model of a dynamic system p0272 A78-49273
- Unimanual and bimanual control in a compensatory tracking task p0292 A78-51347
- Comparison of the vigilance performance of men and women using a simulated radar task p0298 A78-52642
- The effect of increased monitoring load on vigilance performance using a simulated radar display [AD-A044558] p0041 N78-12669
- A theoretical framework to study the effect of cockpit information p0227 N78-26745
- Driver visual limitations diagnosis and treatment [PB-278884/2] p0232 N78-27764
- Development of a visibility research capability [PB-278152/4] p0233 N78-27778
- The utility of peripheral vision to motor vehicle drivers [PB-278157/3] p0234 N78-27779
- The human operator simulator: Workload estimation using a simulated secondary task p0287 N78-31756

## OPERATORS (PERSONNEL)

- NT AIRCRAFT PILOTS
- NT PILOTS (PERSONNEL)
- NT TEST PILOTS
- Determination of optimum vibroisolation systems for a sitting human operator p0076 A78-21722
- Mobile small simulator for tracking and multitasking tests [DLR-IB-355-75/06] p0016 N78-11723
- Manned system performance as a function of display characteristics [AD-A045488] p0046 N78-13748
- The Use and Abuse of Social Drugs [ACRD-CP-218] p0094 N78-17658
- Some modern control techniques for human operator modeling and identification p0182 N78-23022

## OPHTHALMOLOGY

## SUBJECT INDEX

## OPHTHALMOLOGY

## NT EYE EXAMINATIONS

Inaugural lecture at the School of Health Service  
Application for the Air Force --- aviation  
ophthalmology for reliable information retrieval  
in man/machine systems

p0060 A78-20562

Retinal hemorrhage in high mountain climbers

p0258 A78-47113

## OPTICAL ABSORPTION

U ELECTROMAGNETIC ABSORPTION  
U LIGHT TRANSMISSION

## OPTICAL ACTIVITY

A critical evaluation of the application of amino  
acid racemization to geochronology and  
geothermometry

p0026 A78-14682

## OPTICAL CORRECTION PROCEDURE

Concerning optical correction by contact lenses  
for private pilots of aircraft and gliders in  
VFR conditions

p0139 A78-31804

## OPTICAL DATA PROCESSING

## NT SCENE ANALYSIS

## OPTICAL DENSITY

Determination of the optical density of the walls  
of coronary arteries in man

p0220 A78-42875

## OPTICAL EQUIPMENT

## NT CAMERAS

## NT CATHETOMETERS

## NT OPTICAL MEASURING INSTRUMENTS

## NT OPTICAL RADAR

Market study phase 2 follow-up activity. The  
Baylor Mark 3 Haploscope  
[NASA-CR-156141]

p0145 N78-20758

## OPTICAL FILTERS

Effect of spectral filtering during continuous  
two-day work

p0264 A78-47986

## OPTICAL ILLUSION

Proprioceptive information about target location  
suppresses autokinesis

p0025 A78-14419

A phantom-motion aftereffect --- residual effects  
from retinal stimulation

p0034 A78-15947

Optical transforms and the 'pincushion grid'  
illusion

p0034 A78-15948

The role of afterimages in visual spatial  
aftereffects

p0037 A78-17096

The effect of varying linear perspective, movement  
parallax, and speed of rotation on perceived  
oscillation of two-dimensional trapezoidal stimuli

p0082 A78-23850

Perceived orientation of a runway model in  
nonpilots during simulated night approaches to  
landing

p0133 A78-29556

Illusory motion in depth - Aftereffect of  
adaptation to changing size

p0155 A78-34336

On a hypothesis in Luneburg's theory of binocular  
visual space

p0216 A78-41411

Implications of spatial summation models for  
processes of contour perception - A geometric  
perspective

p0221 A78-43183

Smooth eye tracking and the perception of motion  
in the absence of real movement

p0294 A78-51951

Comparison of the visual perception of a runway  
model in pilots and nonpilots during simulated  
night landing approach  
[AD-A054450]

p0249 N78-28806

## OPTICAL IMAGES

## U IMAGES

## OPTICAL LASERS

## U LASERS

## OPTICAL MEASUREMENT

## NT OPTOMETRY

## OPTICAL MEASURING INSTRUMENTS

## NT CATHETOMETERS

## NT HAPLOSOPES

## NT OCULOMETERS

Apollo-Soyuz light-flash observations --- ionizing  
radiation effects measurement

p0029 A78-15191

A subjective method for the measurement of  
monochromatic aberrations of the eye

p0036 A78-16083

## OPTICAL PROPERTIES

## NT BRIGHTNESS

## NT COLOR

## NT LUMINOSITY

## NT SPECTRAL REFLECTANCE

Influence of optical defects on the cockpit canopy  
glass on the spatial orientation of a pilot  
during flight

p0103 A78-27099

## OPTICAL RADAR

The effect of increased monitoring load on  
vigilance performance using a simulated radar  
display

[AD-A044558]

p0041 N78-12669

## OPTICAL SENSORS

## U OPTICAL MEASURING INSTRUMENTS

## OPTICAL SPECTRUM

## U LIGHT (VISIBLE RADIATION)

## OPTICAL TRACKING

Caffeine consumption and target scanning performance

p0133 A78-29542

Visual target acquisition and tracking performance  
using a helmet-mounted sight

p0139 A78-31840

Influence of angular measures, duration, and shape  
of stimuli on detecting the order of tracking  
visual signals

p0196 A78-37746

Pattern thresholds for moving and stationary  
gratings during smooth eye movement

p0211 A78-40578

Velocity matching during smooth pursuit of  
different targets on different backgrounds ---  
visual tracking

p0212 A78-40584

Head rotational spectral characteristics during  
two-dimensional smooth pursuit tasks

p0272 A78-49263

A model for the pilot's use of motion cues in  
steady-state roll-axis tracking tasks

[AIAA 78-1593]

p0291 A78-50668

Smooth eye tracking and the perception of motion  
in the absence of real movement

p0294 A78-51951

Pilot tracking performance as a function of G  
stress and seat back angle

[AD-A042950]

p0006 N78-10695

The development, maintenance, and mathematical  
description of tracking behavior in man and the  
Rhesus Monkey

[AD-A043225]

p0015 N78-11717

The processing of velocity information by the  
pursuit oculomotor system

p0252 N78-29735

## OPTICAL WAVEGUIDES

Visual stimulator --- for critical flicker fusion  
experiments

p0299 A78-52704

## OPTIMAL CONTROL

## NT TIME OPTIMAL CONTROL

Display analysis with the optimal control model of  
the human operator --- pilot-vehicle display  
interface and information processing

p0003 A78-12448

Continuous and pulse control of the horizontal  
motion of a biped walking apparatus

p0104 A78-27154

Linear problem of stabilizing biped walk

p0104 A78-27155

Prediction of pilot-aircraft stability boundaries  
and performance contours

p0195 A78-37129

A mathematical theory for sequential input  
adaptive systems with applications to  
man-machine tracking systems

p0200 A78-39649

Thermodynamic criteria for the optimality of  
control functions of a dynamic system during  
transient processes in the organism

p0213 A78-41008

Manual optimization of ill-structured problems ---  
operator performance in control task

p0238 A78-44500

- Optimal control theory applied to the design of  
cue shaping filters for motion-base simulators  
[AIAA 78-1575] p0290 A78-50656
- OPTIMIZATION**  
NT OPTIMAL CONTROL  
NT TIME OPTIMAL CONTROL  
Optimization of the professional activity of a  
cosmonaut --- Russian book p0021 A78-13576  
Optimization of crew performance in future  
aircraft and weapon systems - Experimental  
methods of objective measurement p0060 A78-20563  
On scaling techniques p0014 A78-11711  
Potential use of nutritional factors to optimize  
performance under stress [NASA-CR-151676] p0181 A78-22718  
Use of eye-movement measures to establish design  
parameters for helicopter instrument panels p0286 A78-31748
- OPTIMUM CONTROL** ---  
U OPTIMAL CONTROL
- OPTOMETRY**  
Aeromedical implications of the X-Chrom lens for  
improving color vision deficiencies  
[AD-A054794] p0310 A78-32708
- ORBITAL FLIGHT TESTS (SHUTTLE)**  
Urine monitoring system failure analysis and  
operational verification test report  
[NASA-CR-151828] p0278 A78-30820
- ORBITAL SIMULATORS**  
U SPACE SIMULATORS
- ORBITAL SPACE STATIONS**  
NT Salyut SPACE STATION  
Manned maneuvering unit - A space platform support  
system  
[AIAA PAPER 78-1663] p0295 A78-51990
- ORGAN WEIGHT**  
Biological effects of high strength electric  
fields on small laboratory animals  
[HCF/T1830-03] p0313 A78-33706
- ORGANIC COMPOUNDS**  
NT ADENINES  
NT ADENOSINE TRIPHOSPHATE  
NT ADENOSINES  
NT ALANINE  
NT AMINO ACIDS  
NT CHOLINE  
NT CYCLIC COMPOUNDS  
NT CYSTEINE  
NT FATS  
NT FATTY ACIDS  
NT FLUOROCARBONS  
NT GLUTAMIC ACID  
NT GLUTAMINE  
NT GLUTATHIONE  
NT GLYCINE  
NT METHIONINE  
NT NUCLEOTIDES  
NT ORGANIC LIQUIDS  
NT OXIDASE  
NT PEPTIDES  
NT PYRIDINE NUCLEOTIDES  
NT SEROTONIN  
NT THYROXINE  
Photochemical synthesis of organic compounds on  
Jupiter initiated by the photolysis of ammonia  
p0028 A78-15187  
Photocatalytic oxidation of organic compounds on  
Mars p0292 A78-51137  
Toxicity of gaseous halogenated organic compounds.  
A bibliography with abstracts  
[NTIS/PS-78/0600/3] p0310 A78-32712
- ORGANIC LIQUIDS**  
Hazards of organic working fluids  
[BNL-50761] p0283 A78-31725
- ORGANISMS**  
Thermodynamic criteria for the optimality of  
control functions of a dynamic system during  
transient processes in the organism p0213 A78-41008  
Concerning structural problems of biological  
thermodynamics p0214 A78-41017
- ORGANIZATIONS**  
NT EUROPEAN SPACE AGENCY
- ORGANOMETALLIC COMPOUNDS**  
NT CARBOXYHEMOGLOBIN  
NT HEMOGLOBIN
- ORGANS**  
NT BLADDER  
NT KIDNEYS  
NT LIVER  
NT LUNGS  
NT PITUITARY GLAND  
NT SPLEEN  
NT TESTES  
Effect of prolonged space flight on protein  
biosynthesis in various rat organs and tissues  
p0118 A78-18743  
Changes in circulating blood volume and filling of  
the brain and internal organs of rats following  
acute and chronic hypoxia p0120 A78-18756  
Quantitative organ visualization p0313 A78-33708
- ORION AIRCRAFT**  
U P-3 AIRCRAFT
- ORTHOSTATIC TOLERANCE**  
The problem of self-regulation of posture ---  
vertical posture maintenance tests p0023 A78-13598  
Effect of antiorthostatic exposure on heart-rate  
dynamics and quality of tracking by human operator  
--- space flight simulation p0071 A78-21179  
Variation of the corticosteroid composition of the  
urine under the action of simulated orthostatic  
stressing under high-g conditions p0073 A78-21373  
Dynamics of cardiorespiratory system indicators in  
healthy man during passive orthostatic test  
p0129 A78-28490  
Significance of supraspinal mechanisms in adaptive  
responses of the cardiovascular system during  
postural change p0218 A78-42661  
Influence of posture on isometric fatigue p0258 A78-47207  
Emotional state and orthostatic reactions p0262 A78-47960  
Realignments of the cardiovascular system of a  
human operator under the action of negative  
gravity p0270 A78-48760  
Studies of circulation during LBNP test aboard  
Salyut-4 orbital stations p0115 A78-18719  
Dynamics of orthostatic stability of cosmonauts  
following 2 to 63 day missions p0115 A78-18720  
Cardiovascular reactions to orthostatic tests and  
human resistance to vestibular stimuli p0115 A78-18724  
Physiology of antiorthostatism p0116 A78-18730  
The role of skeletal muscle tone in regulation of  
orthostatic circulation p0125 A78-19765  
Excitability of neuromuscular system of monkeys  
during orthostatic tests p0177 A78-22685  
Effect of the combination of dry air heat and cold  
water treatment on human orthostatic stability  
p0308 A78-32695
- OSCILLATING FLOW**  
Small oscillations of an ideal fluid with  
consideration of mass forces in the elastic shell  
p0293 A78-51386
- OSCILLATIONS**  
NT SELF OSCILLATION  
Vision during angular oscillation - The dynamic  
interaction of visual and vestibular mechanisms  
p0078 A78-21732  
Oscillatory phenomena in the simulation of the  
long-term adaptation of the heart p0084 A78-24574  
A temporary threshold shift for self-motion  
detection following sustained, oscillating  
linear acceleration p0216 A78-41810  
The microvibrations of the body, an index for  
examination stress p0272 A78-49297

## OSMOSIS

- The osmoregulating function of the kidneys during immersion p0197 A78-37857
- Calcium transport in Halobacterium halobium envelope vesicles p0267 A78-48574
- Osmotic relationships between blood, cerebrospinal fluid and inner ear fluids p0181 N78-22714
- Relationship between osmotic pressure of the blood and secretion of sweat [NASA-TM-75461] p0313 N78-33703
- OSMOTIC PRESSURE**
- U OSMOSIS**
- OTOLITH ORGANS**
- Integration of semicircular canal and otolith information for multisensory orientation stimuli p0004 A78-12607
- Motion sickness and otolith sensitivity - A pilot study of adaptation to linear acceleration p0018 A78-13272
- Biped stability considerations with vestibular models p0083 A78-23882
- Mechanisms of interaction between receptors of the vestibular system --- Russian book p0266 A78-48522
- Otolith system function in cosmonauts following space missions p0117 N78-18736
- The relationship of gravity to vestibular studies p0171 N78-22637
- The mammalian otocyst in vitro. A model system for experimental pathology on earth and in space p0171 N78-22638
- Responses of the frog to angular accelerations in weightlessness p0171 N78-22640
- Structural and functional organization of the vestibular apparatus in rats subjected to weightlessness for 19.5 days aboard the Kosmos-782 satellite [NASA-TM-75529] p0223 N78-26717
- Psychopathology in equilibration in aerospace medicine p0249 N78-28802

## OTOLOGY

- Inner ear biology; Proceedings of the Fourteenth Workshop, Bordeaux, France, September 5-7, 1977 p0300 A78-53391

## OUTPUT

## NT LASER OUTPUTS

## OVERCAST

## U CLOUD COVER

## OXIDASE

- The role of monamine oxidase inhibition in the acute toxicity of chlorthalimide [AD-A045507] p0093 N78-17656

## OXIDATION

- Disruption of the deamination of monoamines and other nitrogenous compounds under conditions of stimulated peroxidation of endogenous lipids of brain tissue mitochondrial membranes p0056 A78-19885
- Photocatalytic oxidation of organic compounds on Mars p0292 A78-51137
- Influence of metabolic rate upon the metabolism of lactic acid and the oxidation of glucose, alanine and leucine p0143 N78-20745
- The combined effect of volatile products of thermal oxidation decomposition of lubricating oil and hypoxic hypoxia on the organism p0185 N78-23723

## OXIDES

- NT CARBON DIOXIDE
- NT CARBON MONOXIDE
- NT NITRIC OXIDE
- NT NITROGEN DIOXIDE
- NT NITROGEN OXIDES
- NT NITROUS OXIDES
- NT PHOSPHORUS OXIDES
- NT SILICON DIOXIDE
- NT SULFUR DIOXIDES

## OXIDIZERS

## NT LIQUID OXYGEN

The human health effects of photochemical oxidant air pollution - A review of experience in the United States

p0024 A78-14197

## OXIMETRY

- Comparison of several G-tolerance measuring methods at various seatback angles p0101 A78-26732
- Calibration of a new ear oximeter in humans during exposure to centrifugation p0131 A78-29035
- Oxygen electrode design criteria and characteristics - Recessed cathode --- for tissue oxygen tension measurement p0236 A78-43794
- Development and testing of an implantable oxygen sensor [PB-269501/3] p0006 N78-10697
- Development and clinical evaluation of blood gas sensors for continuous monitoring (adult and neonate) [PB-271809/6] p0045 N78-13736

## OXYGEN

## NT HIGH PRESSURE OXYGEN

## NT LIQUID OXYGEN

## NT OZONE

- Studies with the USF/NASA toxicity screening test method - Oxygen concentrations with various test conditions p0081 A78-22496
- Cellular glutathione is a key to the oxygen effect in radiation damage p0099 A78-25561
- Disseminated intravascular coagulation developed in hyperbaric oxygen p0158 A78-35110
- Development of a non-cryogenic nitrogen/oxygen supply system --- for spacecraft environments [NASA-CR-151542] p0008 N78-10704
- Dynamic control of parameters of spacecraft atmosphere p0116 N78-18725
- Oxygen content of blood during prolonged rocking p0125 N78-19766
- Resistance to hyperbaric oxygenation and factors affecting it p0126 N78-19767
- Modelling of oxygen autoregulation in canine skeletal muscle p0165 N78-22583
- Checking effectiveness of prevention of high-altitude decompression disorders by means of prebreathing in an oxygen environment --- extravehicular activity p0184 N78-23713
- An analysis of neuromuscular function at hyperbaric pressures p0245 N78-28773

## OXYGEN BREATHING

- Continuous distributions of specific ventilation recovered from inert gas washout p0131 A78-29033
- Breathing effects of a parachute harness secured over an inflated lifejacket p0201 A78-39673
- Some problems of pathogenesis of respiratory disorders occurring at +G sub z accelerations combined with breathing pure oxygen p0184 N78-23714
- Molecular sieve generation of aviator's oxygen: Breathing gas composition as a function of flow, inlet pressure, and cabin altitude [AD-A054240] p0278 N78-30822

## OXYGEN CONSUMPTION

- Myocardial oxygen consumption - The role of wall force and shortening p0019 A78-13483
- Food and oxygen requirements for growing mice and turtles after hypergravitational development p0030 A78-15204
- Theoretical considerations on the determining factors of V-O2 max p0056 A78-20150
- Exercise-induced changes in blood ammonia levels in humans p0057 A78-20339
- Oxygen consumption and some indicators of external respiration during cold adaptation p0072 A78-21180

# SUBJECT INDEX

# OXYGEN TENSION

- Efficiency of the myocardium after adaptation to hypoxia p0072 A78-21197
- Relationship between maximal oxygen uptake and left ventricular function in exercise p0082 A78-23601
- Transient O2 uptake response at the onset of exercise p0082 A78-23604
- Myocardial PO2 distribution - Relationship to coronary autoregulation p0154 A78-33523
- State of energy metabolism in albino rats under the action of increased oxygen concentrations p0160 A78-36123
- Fluid-electrolyte shifts and maximal oxygen uptake in man at simulated altitude /2,287 m/ p0192 A78-36602
- Breathing effects of a parachute harness secured over an inflated lifejacket p0201 A78-39673
- Differences in cardio-respiratory responses to exhaustive exercise between athletes and non-athletes p0201 A78-39747
- Total and alactic oxygen debts after supramaximal work p0201 A78-39750
- Comparison of metabolic and ventilatory responses of men to various lifting tasks and bicycle ergometry p0235 A78-43789
- Metabolic, cardiovascular, and respiratory factors in the development of fatigue in lifting tasks p0236 A78-43790
- Effects of hyperbaric oxygen and glutathione on mammalian liver metabolism p0242 A78-46412
- Variability of oxygen affinity of normal blood - An automated method of measurement p0259 A78-47209
- Substrate effects on myocardial performance during normoxia and hypoxia p0261 A78-47949
- Oxygen consumption during constant-load exercise p0297 A78-52540
- The importance of the perilymphatic oxygen supply in the cochlea function p0300 A78-53395
- The scaling of maximal oxygen consumption and pulmonary dimensions in small mammals p0302 A78-53710
- Specialized physiological studies in support of manned space flight [NASA-CR-151626] p0095 N78-17664
- Metabolic and cardiovascular adaptation, monkey. NASA SMD 3, project 76, experiment 44 conducted at NASA/JSC, 14-25 May 1977 [NASA-CR-157159] p0203 N78-24784
- Interaction of cardiorespiratory physical fitness and heat tolerance [AD-A050149] p0231 N78-27763
- The nature of the perception of effort at sea level and high altitude [AD-A051274] p0246 N78-28781
- OXYGEN DEFICIENCY**
- U HYPOXIA**
- OXYGEN MASKS**
- Effects of using long breathing hoses upon mask pressure --- during aircraft cabin decompression p0100 A78-26730
- Investigation of arterial bloodgases at altitude using constant-flow oxygen masks p0161 A78-36160
- Three-dimensional anthropometry of the adult face --- bioengineering for protective breathing equipment [AD-A054938] p0309 N78-32705
- OXYGEN METABOLISM**
- Theoretical considerations on the determining factors of V-O2 max p0056 A78-20150
- Influence of adaptation to hypoxia on the dependence of internal respiration on temperature and oxygen tension in vitro p0100 A78-26610
- A mathematical model of anaerobic energy metabolism for evaluating the mechanisms of oxygen debt formation p0105 A78-27713
- Analysis of the regulation of human respiration in transient and stable periods of muscle activity p0213 A78-41010
- Hemodynamic mechanisms for maintaining maximal oxygen transport in the human organism p0219 A78-42664
- Metabolic and cardiovascular adjustment to arm training p0236 A78-43791
- The evolution of the earliest cells p0260 A78-47846
- Analysis of energy metabolism of a functioning heart during hypoxia and variations of functional loading p0270 A78-48754
- Some indices of oxygen exchange and resistance of rats to acute hypoxia during posttransfusion polycythemia p0302 A78-53788
- The effect of acute arterial hypoxia on the parameters of O2 supply and demand in the resting gracilis muscle of the anesthetized dog p0085 N78-16589
- Effect of 6-day hypokinesia on oxygen metabolism indices in elderly and senile subjects [NASA-TN-75521] p0230 N78-27753
- The effect of high altitude on pyridine nucleotides and adenosine phosphates in the liver of the rat p0279 N78-31689
- OXYGEN REGULATORS**
- NGL advances --- valveless LOX converter for Tornado aircraft p0274 A78-50085
- OXYGEN SUPPLY EQUIPMENT**
- NT OXYGEN MASKS**
- Effects of long-hose breathing --- in transport and cargo aircraft p0101 A78-26731
- Oxygen system maintenance guide [SAE AIR 1392] p0239 A78-44697
- NGL advances --- valveless LOX converter for Tornado aircraft p0274 A78-50085
- Design of high pressure oxygen filter for extravehicular activity life support system, volume 1 [NASA-CR-151571] p0062 N78-14786
- Design of high pressure oxygen filter for extravehicular activity life support system. Volume 2: Test data [NASA-CR-151572] p0063 N78-14787
- Human respiratory considerations for civil transport aircraft oxygen system [AD-A053223] p0233 N78-27773
- An evaluation of the fluidic oxygen partial pressure sensor [AD-A055362] p0286 N78-31743
- OXYGEN SYSTEMS**
- U OXYGEN SUPPLY EQUIPMENT**
- OXYGEN TENSION**
- NT HYPOXEMIA**
- Modifications of pulmonary surfactant under hyperbaric conditions in rats - Role of oxygen and diluting gas under partial pressure p0058 A78-20543
- Cabin pressurization and explosive decompression p0060 A78-20561
- Influence of adaptation to hypoxia on the dependence of internal respiration on temperature and oxygen tension in vitro p0100 A78-26610
- Blood gas tension and development of lung damage in mice exposed to oxygen at 1 ATA p0133 A78-29559
- Investigation of arterial bloodgases at altitude using constant-flow oxygen masks p0161 A78-36160
- Oxygen electrode design criteria and performance characteristics - Recessed cathode --- for tissue oxygen tension measurement p0236 A78-43794
- Blood flow in rat brain during exposure to high oxygen pressure p0241 A78-46408
- Blood flow and relative tissue PO2 of brain and muscle - Role of carotid chemoreceptors p0297 A78-52542

- The importance of the perilymphatic oxygen supply in the cochlea function p0300 A78-53395
- The effect of acute arterial hypoxia on the parameters of O<sub>2</sub> supply and demand in the resting gracilis muscle of the anesthetized dog p0085 N78-16589
- Application to animals and humans of a continuous monitoring oxygen system [PB-276448/8] p0180 N78-22713
- OXYGEN TOXICITY**  
 U HYPEROXIA  
**OXYGENATION**  
 On some fluid mechanical solutions for long term extracorporeal oxygenators p0055 A78-19033
- Hyperbaric oxygenation. A bibliography with abstracts [NTIS/PS-78/0676/3] p0316 N78-33724
- OZONE**  
 Acute and sub-acute inhalation toxicity of peroxyacetyl nitrate and ozone in rats p0024 A78-14192
- Study of the effects of chronic ozone exposure on animals - Morphological and functional changes p0024 A78-14193
- Reinforcement of ozone action in mice by additional environmental compounds p0024 A78-14194
- Acute effects of ozone on lung function in humans p0024 A78-14195
- The effects of ozone in the range of the maximum work location concentration on subjects p0024 A78-14196
- The ozone problem associated with technical and health considerations in aviation p0057 A78-20293
- A mathematical model of transport and removal of ozone in mammalian lungs p0064 N78-15676
- Inactivation of enteroviruses and coliphages with ozone in waters and waste waters p0206 N78-25745
- OZONOSPHERE**  
 Human exposure system for controlled ozone atmospheres [PB-276618/6] p0180 N78-22710

## P

- P-3 AIRCRAFT**  
 Human verbal behavior considerations in the design of voice actuated hardware systems --- for P-3C aircraft [AD-A049925] p0147 N78-20776
- PAIN**  
 Adaptive modifications of cold pain. II - Long-term experiments with 24-hour intervals p0102 A78-26744
- PAIN SENSITIVITY**  
 Investigation of the effect of electrical pain stimulation of the skin on the reflex excitation of human alpha-motoneurons p0052 A78-18538
- PALEOBIOLOGY**  
 Porphyrins and phycobilins in Precambrian rocks --- for chemical evolution p0138 A78-1382
- On extraterrestrial causes of the earth's dynamic processes and extinction of life p0220 A78-42951
- The evolution of the earliest cells p0260 A78-47846
- Archaeobacteria --- biology and chemistry p0260 A78-47891
- PALEONTOLOGY**  
 The prospect of astro-palaeontology --- search for Galactic extinct civilizations p0036 A78-16231
- PANCREAS**  
 Assessment of pancreas cells [NASA-CR-151744] p0228 N78-27737
- PANELS**  
 Use of eye-movement measures to establish design parameters for helicopter instrument panels p0286 N78-31748
- PAPILLAE**  
 Increased contractile potential of papillary muscles from exercise-trained rat hearts

- PARACHUTE DESCENT** p0154 A78-33524  
 Biodynamic model of a parachutist p0075 A78-21712
- Breathing effects of a parachute harness secured over an inflated lifejacket p0201 A78-39673
- Information processing under emotionally saturated conditions of activity p0261 A78-47957
- Pull force capabilities for parachute ripcord release [MEMO-33] p0312 N78-32723
- PARACHUTING**  
 U PARACHUTE DESCENT  
**PARACHUTING INJURY**  
 Permanent changes in the spines of military parachutists p0161 A78-36159
- PARALLAX**  
 Detectability of motion as a factor in depth perception by monocular movement parallax p0056 A78-19974
- TNO test and dyschromatopsias --- normal intraocular tension test for flight personnel p0060 A78-20559
- The effect of varying linear perspective, movement parallax, and speed of rotation on perceived oscillation of two-dimensional trapezoidal stimuli p0082 A78-23850
- Perceived orientation of a runway model in nonpilots during simulated night approaches to landing p0133 A78-29556
- Movement parallax - An asymptotic function of amplitude and velocity of head motion p0221 A78-43182
- PARALLEL FLOW**  
 NT THREE DIMENSIONAL FLOW  
**PARAMETERS**  
 U INDEPENDENT VARIABLES  
**PARTIAL PRESSURE**  
 NT HYPOXEMIA  
 NT OXYGEN TENSION  
 Disseminated intravascular coagulation developed in hyperbaric oxygen p0158 A78-35110
- Dynamic control of parameters of spacecraft atmosphere p0116 N78-18725
- PARTICLE ACCELERATORS**  
 NT ION ACCELERATORS  
**PARTICLE BEAMS**  
 NT ION BEAMS  
**PARTICLE COUNTERS**  
 U RADIATION COUNTERS  
**PARTICLE DETECTORS**  
 U RADIATION COUNTERS  
**PARTICLE EMISSION**  
 NT SECONDARY EMISSION  
 Design and construction of the Donner 280-crystal positron ring for dynamic transverse section emission imaging [LBL-5679] p0283 N78-31721
- PARTICLE INTERACTIONS**  
 NT NUCLEAR INTERACTIONS  
**PARTICLE MOTION**  
 Compartmentalization in proteinoid microspheres p0035 A78-16015
- Particle deposition in bends and repeatedly bifurcating tubes p0086 N78-16592
- PARTICLE TRACKS**  
 Assignment of particle tracks to spores of Bacillus subtilis on silver chloride detectors p0029 A78-15192
- PARTICLES**  
 NT AEROSOLS  
 NT FAST NEUTRONS  
 NT HEAVY NUCLEI  
 NT POSITRONS  
 NT PROTONS  
 NT RELATIVISTIC PARTICLES  
**PARTICULATE FILTERS**  
 U FLUID FILTERS  
**PARTICULATE SAMPLING**  
 Biocontamination and particulate detection system [NASA-CASE-NPO-13953-1] p0165 N78-22587

# SUBJECT INDEX

# PEPTIDES

## PASSAGEWAYS

Passenger flow rates between compartments:  
Straight-segmented stairways, spiral stairways,  
and passageways with restricted vision and  
changes of attitude  
[AD-A051485] p0205 N78-24797

## PASSENGER AIRCRAFT

BT BOEING 720 AIRCRAFT  
BT BOEING 737 AIRCRAFT  
BT BOEING 747 AIRCRAFT  
BT YAK 40 AIRCRAFT  
Provisional standards of radiation safety of  
flight personnel and passengers in air transport  
of the civil aviation  
[NASA-TN-75052] p0013 N78-11702

## PASSENGERS

Ride quality criteria --- transportation system  
interior and passenger response to environment  
p0158 A78-35664  
The effect of the position of the axis of rotation  
on the discomfort caused by whole-body roll and  
pitch vibrations of seated persons p0195 A78-36816

The influence of the journey's time of day on the  
de- and resynchronization of the 24-hour rhythm  
of body and temperature after transatlantic  
flights  
[ESA-TT-420] p0113 N78-18708

The vibrating environment in transport vehicles:  
A critical bibliographical study --- human  
tolerance to vibratory loads p0285 N78-31738

Effect of vibration duration on human discomfort  
--- passenger comfort and random vibration  
[NASA-TP-1283] p0311 N78-32717

## PATHOGENESIS

Experimental study of some aspects of motion  
sickness pathology p0160 A78-35900

Oxygen content of blood during prolonged rocking  
p0125 N78-19766

Some problems of pathogenesis of respiratory  
disorders occurring at +G sub z accelerations  
combined with breathing pure oxygen p0184 N78-23714

Pathophysiological aspects of the problem of  
prolonged hypokinesia  
[NASA-TN-75112] p0224 N78-26724

## PATHOLOGICAL EFFECTS

Man at high altitude: The pathophysiology of  
acclimatization and adaptation --- Book  
p0002 A78-11957

Smoking --- pathological, physiological and  
behavioral effects p0020 A78-13517

The effect of increased gravitational stress on bone  
p0030 A78-15206

Psychotherapy and chemotherapy in aeronautical  
psychopathology p0058 A78-20547

Cosmic ray effects on the eyes of rats flown on  
Cosmos no. 782, Experiment K-007 p0078 A78-21736

Effect of carbon monoxide and nitrogen dioxide on  
ICR mice p0081 A78-22494

Histological studies of eyeballs of experimental  
animals subjected to accelerations p0106 A78-28319

State of energy metabolism in albino rats under  
the action of increased oxygen concentrations  
p0160 A78-36123

Persistence of lateral hypothalamic-mediated  
behaviors after a supralethal dose of ionizing  
radiation p0214 A78-41159

The problem of tension and tonus in health and  
disease as related to circulation p0218 A78-42660

Use of vectorcardiography for the detection of  
+Gz-related cardiac pathology in miniature swine  
p0241 A78-46410

The mammalian otocyst in vitro. A model system  
for experimental pathology on earth and in space  
p0171 N78-22638

Structural and functional organization of the  
vestibular apparatus in rats subjected to  
weightlessness for 19.5 days aboard the  
Kosmos-782 satellite

[NASA-TN-75529] p0223 N78-26717  
Air quality criteria for lead  
[PB-280411/0] p0284 N78-31730  
Protective effects of 2-aminobenzimidazole during  
hyperbaric oxygenation, and state of cerebral  
nitrogen metabolism p0307 N78-32687

## PATHOLOGY

### NT HUMAN PATHOLOGY

Some findings on the inner ear after experimental  
obliteration of the endolymphatic duct and sac  
of guinea pigs p0300 A78-53396

Three-dimensional reconstruction and display of  
anatomical and pathological structures from  
their serial sections --- by means of computer  
systems p0086 N78-16598

Nose pathology of flying personnel p0249 N78-28804

## PATIENTS

Patient doses resulting from an X-ray recording  
(belly survey picture). Influence of technical  
parameters on the dosage  
[IRI-190-77-01] p0114 N78-18709  
NEXT program for evaluating the patient dosage:  
First results for some X ray diagnostics  
installations p0145 N78-20762

## PATTERN RECOGNITION

### NT CHARACTER RECOGNITION

Spatial frequency and the mediation of short-term  
visual storage p0017 A78-13117

The use of methods of multivariate statistics for  
the automatic recognition of anomalies in  
records of background EEG p0052 A78-18537

Prediction of realistic visual tasks from image  
quality data p0053 A78-18714

A prototype system for automated interpretation of  
vectorcardiograms p0083 A78-23881

An application of pattern recognition to  
echocardiography p0083 A78-23997

Dynamics of conditioned-reflex realignments of  
human visual recognition and detection p0106 A78-28124

Eye movements of monkeys during learning-set  
formation p0130 A78-28829

Pattern and movement detection in man and rabbit -  
Separation and comparison of occipital potentials  
p0155 A78-34334

Thematic filtering algorithms and their use in  
recognition of complex images p0156 A78-34962

Robot stereognosis - Application to object  
recognition --- French thesis p0198 A78-38062

Binocular summation - A study of contrast  
sensitivity, visual acuity and recognition p0212 A78-40583

An investigation of the relationship of the evoked  
potential to various modes of visual stimulation  
p0005 N78-10689

Studies of orientation-contingent color after  
effects p0007 N78-10700

## PATTERN REGISTRATION

Some problems in assessing oculomotor activity  
during information retrieval p0150 N78-21763

## PAYLOADS

### NT SPACE SHUTTLE PAYLOADS

## PEDOLOGY

### U SOIL SCIENCE

## PENTACHLORIDES

### U CHLORIDES

## PEPTIDES

Peptide formation in the prebiotic era - Thermal  
condensation of glycine in fluctuating clay  
environments p0215 A78-41220

Germination-defective mutant of Neurospora crassa  
that responds to siderophores p0217 A78-41823



# PERCEPTION

# SUBJECT INDEX

## PERCEPTION

NT AUDITORY PERCEPTION  
 NT AUTOKINESIS  
 NT BINAURAL HEARING  
 NC CONSCIOUSNESS  
 NT CRITICAL FLICKER FUSION  
 NT MOTION PERCEPTION  
 NT PAIN  
 NT PAIN SENSITIVITY  
 NT PROPRIOCEPTION  
 NT SENSORY PERCEPTION  
 NT SPACE PERCEPTION  
 NT TACTILE DISCRIMINATION  
 NT TASTE  
 NT TOUCH  
 NT VERTICAL PERCEPTION  
 NT VIBRATION PERCEPTION  
 NT VISUAL DISCRIMINATION  
 NT VISUAL PERCEPTION  
 Some problems in assessing oculomotor activity during information retrieval p0150 N78-21763  
 Testing the mechanism of gravity sensing in plants p0172 N78-22647  
 Ultrastructural aspects of gravity-perceiving cells in cress roots p0172 N78-22648  
 Geoperception in lentil roots p0172 N78-22649  
 Spatial frequency responses of the human visual system [CIRC-193] p0187 N78-23735  
 The nature of the perception of effort at sea level and high altitude [AD-A051274] p0246 N78-28781  
**PERCEPTORS**  
 U SELF ORGANIZING SYSTEMS  
**PERCEPTUAL TIME CONSTANT**  
 Temporal properties of the human visual nervous system p0037 A78-17097  
 Temporal stereopsis and dynamic visual noise p0037 A78-17098  
**PERCUSSION**  
 Significance of the percussion symptom in detection of peptic ulcers in flight personnel p0111 N78-18693  
**PERFORMANCE PREDICTION**  
 NT PREDICTION ANALYSIS TECHNIQUES  
 Prediction of pilot opinion ratings using an optimal pilot model --- of aircraft handling qualities in multi-axis tasks p0003 A78-12449  
 Simulation of the docking manoeuvre --- hybrid computer modeling for human operator performance in space p0141 A78-32225  
 Medical monitoring and prognosis of cosmonauts during flight p0193 A78-36632  
 Prediction of pilot-aircraft stability boundaries and performance contours p0195 A78-37129  
 Effect of preview on digital pursuit control performance p0201 A78-39650  
 Pilot training and prognosis of psychophysiological conditioning of astronauts p0261 A78-47955  
 Residual attention as a predictor of pilot performance p0272 A78-49274  
 Predicting the effects of dual-frequency vertical vibration on continuous manual control performance p0274 A78-50081  
 Seat belt performance in 30 M.P.H. barrier impacts [PB-269962/7] p0015 N78-11721  
 Prediction, evaluation, and specification of closed loop and multi-axis flying qualities [AD-A056983] p0317 N78-33736  
**PERFORMANCE TESTS**  
 Evaluating experiments of heat insulation of life raft by dummy and human body p0001 A78-10195  
 Applications of pilot scanning behavior to integrated display research p0056 A78-19430  
 Effect of hand-based sensors on manipulator control performance

p0136 A78-30510  
 Radio telegraphy as a realistic test for investigating an astronaut's activity p0262 A78-47964  
 Residual attention as a predictor of pilot performance p0272 A78-49274  
 Development and clinical evaluation of blood gas sensors for continuous monitoring (adult and neonate) [PB-271809/6] p0045 N78-13736  
 Some effects of Org. 2766 on various performance tasks [IZP-1977-18] p0225 N78-26734  
 Driver visual limitations diagnosis and treatment [PB-278884/2] p0232 N78-27764  
 Performance measurement of maintenance [AD-A053475] p0250 N78-28809  
 Respirator studies for the Nuclear Regulatory Commission. Protection Factors for supplied-air respirators [LA-7098-PR] p0256 N78-29760  
 A pilot evaluation of two G-seat cueing schemes [NASA-TP-1255] p0285 N78-31739  
 Vehicle integration and evaluation of advanced restraint systems. Restraint system analysis report [PB-281475/4] p0319 N78-33744  
**PERFUSION**  
 U DIFFUSION  
**PERIOD EQUATIONS**  
 U PERIODIC FUNCTIONS  
**PERIODIC FUNCTIONS**  
 Variants of control for an ecosystem that is closed with regard to exchange of gases, with periodically functioning autotrophic component p0176 N78-22680  
**PERIODIC VARIATIONS**  
 Periodic activity of natural foci of plague and its causes p0163 N78-22567  
**PERIODICITY**  
 U PERIODIC VARIATIONS  
**PERIODICITY (BIOLOGY)**  
 U RHYTHM (BIOLOGY)  
**PERIPHERAL CIRCULATION**  
 Altered control of skin blood flow during exercise at high internal temperatures p0033 A78-15519  
 Functioning of intramuscular peripheral hearts in the dog under conditions of general hypothermia p0084 A78-24595  
 Hematological investigations --- cosmonaut peripheral blood changes p0194 A78-36638  
 Use of the auricle-floor temperature of the rabbit as an index of skin blood flow p0303 A78-53792  
**PERIPHERAL NERVOUS SYSTEM**  
 Formation mechanism for rhythmic extended action potentials of peripheral nerves and muscles p0104 A78-27668  
 Characteristics of pressor response during voluntary and induced contraction of skeletal muscles p0218 A78-42662  
**PERIPHERAL VISION**  
 Cortical magnification factor predicts the photopic contrast sensitivity of peripheral vision p0057 A78-20324  
 Comparison of several G-tolerance measuring methods at various seatback angles p0101 A78-26732  
 Monocular peripheral vision as a factor in flight safety p0157 A78-35106  
 Visual response time to colored stimuli in peripheral retina - Evidence for binocular summation p0294 A78-51871  
 Cerebral activation and placement of visual displays [AD-A046478] p0067 N78-15698  
 Identification of alphabetic symbols as a function of their location in the visual periphery [AD-A049345] p0127 N78-19777  
 The utility of peripheral vision to motor vehicle drivers [PB-278157/3] p0234 N78-27779

## PERITONEUM

Compensatory and adaptive responses of the  
mesentery microcirculation bed in rats  
undergoing hypoxia p0137 A78-31250

## PERMEABILITY

A multiple indicator-dilution study of transport  
and metabolic processes in the lung p0177 N78-22689

Self diffusion in cells and tissues  
[AD-A053422] p0251 N78-29727

## PERSONALITY

Dependence of the estimation of human state on the  
personal characteristics of the estimator p0023 A78-13599

Suggestibility and characterological features of  
personality p0262 A78-47961

Investigation of personality traits of pilots and  
navigators p0119 N78-18753

## PERSONALITY TESTS

EEG diagnosis of operators p0023 A78-13596

The effect of extraversion/introversion on the  
consolidation processes related to the retention  
of verbal material p0025 A78-14499

Personality characteristics of pilots on EFPS, MP  
I and DOSEPU test. I p0191 A78-36327

Investigation of personality characteristics of  
flight trainees and professional pilots  
[DLR-IB-355-76/03] p0046 N78-13743

## PERSONNEL

NT AIR TRAFFIC CONTROLLERS (PERSONNEL)

NT AIRCRAFT PILOTS

NT ASTRONAUTS

NT COSMONAUTS

NT FLIGHT CREWS

NT FLYING PERSONNEL

NT GROUND CREWS

NT INSTRUCTORS

NT MEDICAL PERSONNEL

NT NAVIGATORS

NT OPERATORS (PERSONNEL)

NT PHYSICIANS

NT PILOTS (PERSONNEL)

NT SPACECREWS

NT TEST PILOTS

## PERSONNEL DEVELOPMENT

Simulators in education and training, volume 2. A  
bibliography with abstracts p0255 N78-29752

Simulators in education and training, volume 3. A  
bibliography with abstracts p0255 N78-29753

## PERSONNEL MANAGEMENT

Job attitudes of airway facilities personnel  
[AD-A046412] p0096 N78-17671

## PERSONNEL PROPULSION SYSTEMS

U SELF MANEUVERING UNITS

## PERSONNEL SELECTION

NT PILOT SELECTION

Problems and prospects for aviation psychology  
p0050 A78-18501

Neuromuscular hyperexcitability and occupational  
selection p0139 A78-31802

Role of the physician in decisions concerning  
overseas transfers in an airline company p0139 A78-31805

Selection and training of cosmonauts for flights  
in Soyuz spacecraft p0193 A78-36628

Choosing ESA's first astronaut p0240 A78-45885

Suggestibility and characterological  
features of personality p0262 A78-47961

Objective assessment of prior air traffic  
control-related experience through the use of an  
occupational knowledge test p0298 A78-52636

Use of path models to study a precareer air  
traffic control training program p0298 A78-52641

Bleeding duodenal ulcer and the flier  
p0299 A78-52646

## Activities of the Department of Aviation

Psychology concerning the consultancy contract  
with the Deutsche Lufthansa AG p0013 N78-11698

Psychological aptitude test of aviation personnel  
from Malawi p0013 N78-11699

Research activities of the DFVLR Department of  
Aviation Psychology concerning the consultancy  
contract of the Deutsche Lufthansa AG p0045 N78-13741

Psychological selection of applicants for a flying  
career p0045 N78-13742

Psychological selection of application for flight  
mechanic training p0062 N78-14783

Development of new selection tests for air traffic  
controllers p0181 N78-22716

Performance measurement of maintenance  
[AD-A053475] p0250 N78-28809

Stability of characteristics of alternate forms of  
a test battery p0311 N78-32719

The relationship of predevelopmental 150 training  
with noncompetitively selected air traffic  
control trainees to FAA Academy success p0312 N78-32722

## PERSPIRATION

Dynamic characteristics of heat exchange and  
moisture exchange in the human body p0213 A78-41011

Sweating response: A means of evaluating the  
set-point theory during exercise p0005 N78-10687

Females and hot environments  
[PB-273257/6] p0089 N78-16613

Working in a hot environment; perspiration loss; a  
drink for persons working under hot conditions,  
part 2 p0148 N78-21751

Development and evaluation of heat transfer  
equations for a model of clothed man p0182 N78-22722

Possibility of retaining thermal balance of the  
human body in an extremely rarefied atmosphere  
by means of vacuum evaporation of perspiration  
from the body surface p0184 N78-23715

Relationship between osmotic pressure of the blood  
and secretion of sweat p0313 N78-33703

## PESTICIDES

NT INSECTICIDES

## PETROLEUM

U CRUDE OIL

PETROLEUM PRODUCTS

NT LUBRICATING OILS

PH p0056 A78-19993

## PESTICIDES

NT INSECTICIDES

## PETROLEUM

U CRUDE OIL

PETROLEUM PRODUCTS

NT LUBRICATING OILS

## PH

Regulation of intracellular pH in lungs and other  
tissues during hypercapnia p0236 A78-43792

CSF pH and ventilatory acclimatization to altitude  
--- cerebrospinal fluid p0259 A78-47208

Intracellular pH and bicarbonate concentration in  
human muscle during recovery from exercise p0297 A78-52545

## PHANTOM AIRCRAFT

NT F-4 AIRCRAFT

## PHARMACOLOGY

Flurazepam effects on slow-wave sleep - Stage 4  
suppressed but number of delta waves constant p0032 A78-15312

Cortisol-mediated synchronization of circadian  
rhythm in urinary potassium excretion p0049 A78-17646

Beta-receptor influence on lung vasoconstrictor  
responses to hypoxia and humoral agents p0049 A78-18077

The Kinetocardiogram during the isoproterenol test  
for the assessment of coronary heart disease p0055 A78-19130

- Dynamics of the relation between cell mediators of adrenergic and cholinergic systems /cAMP-cGMP/ in the mechanisms of adaptation to hypoxia p0104 A78-27440
- Synaptic transmission in muscles and mechanisms of mediator action p0106 A78-28096
- The visual risk of ethambutol treatment - Aeronautical incidences p0132 A78-29296
- The functional and chemical characteristics of choline-sensitive neurons in the cortex of the brain p0136 A78-30399
- Extent of utilization of the Frank-Starling mechanism in conscious dogs --- preload effects on myocardial regulation p0154 A78-33522
- Effects of atropine and beta-blockade on temperature regulation and performance during prolonged exercise p0154 A78-34081
- Preventive effect of a vasodilator on the occurrence of decompression sickness in rabbits p0160 A78-36152
- Serotonin involvement in pituitary-adrenal function p0267 A78-48575
- An audiometric and histologic comparison of noise- and drug-induced cochlear pathology in the chinchilla p0301 A78-53398
- Psychopharmacology in aviation and astronautics p0114 A78-18716
- Studies of reactivity of the organism using some pharmacological tests --- catecholamine metabolism and synthesis in humans p0184 A78-23711
- Some clinical aspects of prolonged clinostatic hypokinesia [NASA-TM-75114] p0224 A78-26725
- Electrophysiologic and pharmacologic properties of mammalian sensory neurons p0227 A78-27732
- Formation and management of an expert toxicological review team for literature search, evaluation and organization of currently available rapid toxicological tests, volume 2 [AD-A056312] p0315 A78-33719
- PHASE LOCKED SYSTEMS**
- Portable heart rate recorder with PLL circuit --- Phase Locked Loop p0196 A78-37235
- PHASE TRANSFORMATIONS**
- NT EVAPORATION
- NT FREEZING
- PHENOMENOLOGY**
- NT MEDICAL PHENOMENA
- PHENYLS**
- Occupational exposure to polychlorinated biphenyls (PCBS). Criteria for a recommended standard [DHEW/PUB/NIOSH-77/225] p0204 A78-24789
- PHOBIAS**
- NT FEAR OF FLYING
- Phobic syndromes and in-flight errors: Their relation to predisposing or determining psychological factors - Clinical studies p0020 A78 13510
- PHONOCARTIOGRAPHY**
- On the origin of Korotkov sounds at diastole --- brachial artery mechanical model p0129 A78-28725
- PHONOCARDIOGRAMS**
- U PHONOCARDIOGRAPHY
- PHONOCARDIOGRAPHY**
- NT ECHOCARDIOGRAPHY
- The effects of exercise on the amplitude of the first heart sound in normal subjects p0057 A78-20361
- PHONONS**
- Geophysical phononic energy as a source of biophysical effects [AD-A051386] p0203 A78-24785
- PHOSPHATES**
- NT ADENINES
- NT ADENOSINE TRIPHOSPHATE
- NT ADENOSINES
- NT NUCLEOTIDES
- NT PYRIDINE NUCLEOTIDES
- Phosphorus, a key to life on the primitive earth p0026 A78-14680
- Phosphagen and lactate contents of m. quadriceps femoris of man after exercise p0033 A78-15522
- PHOSPHENE**
- Effects of X-rays on the rat retina and on rhodopsin p0172 A78-22644
- PHOSPHORUS**
- Phosphorus, a key to life on the primitive earth p0026 A78-14680
- PHOSPHORUS COMPOUNDS**
- NT ADENINES
- NT ADENOSINE TRIPHOSPHATE
- NT ADENOSINES
- NT NUCLEOTIDES
- NT PHOSPHATES
- NT PHOSPHORUS OXIDES
- NT PYRIDINE NUCLEOTIDES
- Anaerobic utilization of phosphite/phosphine as a sole source of phosphorus - Implication to growth in the Jovian environment p0028 A78-15186
- PHOSPHORUS METABOLISM**
- Anaerobic utilization of phosphite and hypophosphite by Bacillus sp. p0301 A78-53625
- PHOSPHORUS OXIDES**
- Anaerobic utilization of phosphite and hypophosphite by Bacillus sp. p0301 A78-53625
- PHOTICS**
- A nonlinear model of the human EEG signal during photic stimulation p0093 A78-17651
- PHOTOCHEMICAL REACTIONS**
- NT PHOTOSYNTHESIS
- The human health effects of photochemical oxidant air pollution - A review of experience in the United States p0024 A78-14197
- Photochemical synthesis of organic compounds on Jupiter initiated by the photolysis of ammonia p0028 A78-15187
- Ultraviolet-photoproduced organic solids synthesized under simulated Jovian conditions - Molecular analysis p0105 A78-28049
- Illumination-dependent changes in the intrinsic fluorescence of bacteriorhodopsin p0267 A78-48578
- Photocatalytic oxidation of organic compounds on Mars p0292 A78-51137
- Photodynamic effects induced in man by sensitizers and visible radiation p0145 A78-20764
- Relations between light-induced xanthophyll conversion and the hill reaction [NRC/CNR-TT-1921] p0207 A78-25751
- PHOTOCHEMISTRY**
- U PHOTOCHEMICAL REACTIONS
- PHOTOCURRENTS**
- U ELECTRIC CURRENT
- PHOTOELECTROMAGNETIC DETECTORS**
- U RADIATION MEASURING INSTRUMENTS
- PHOTOGRAPHIC EMULSIONS**
- NT NUCLEAR EMULSIONS
- PHOTOGRAPHIC EQUIPMENT**
- NT CAMERAS
- PHOTOGRAPHS**
- NT MARS PHOTOGRAPHS
- NT MOTION PICTURES
- PHOTOGRAPHY**
- NT ACOUSTICAL HOLOGRAPHY
- NT AUTORADIOGRAPHY
- NT CINEMATOGRAPHY
- NT COLOR PHOTOGRAPHY
- NT MULTISPECTRAL PHOTOGRAPHY
- NT STEREOPHOTOGRAPHY
- An experimental investigation of the effect of 1.06 micrometers laser light on the transparent ocular media [AD-A055650] p0282 A78-31719
- PHOTON ABSORPTION**
- U ELECTROMAGNETIC ABSORPTION
- PHOTOPRODUCTION**
- A special photoproduct in DNA, UV-irradiated in vacuo

- PHOTORECEPTORS**  
 Information capacity of eyes --- spatial resolving power of retinal images p0268 A78-48623  
 Effects of radiation upon the light-sensing elements of the retina as characterized by scanning electron microscopy p0025 A78-14413  
 Scotopic luminosity function and color-mixture data --- role of rods in color vision p0029 A78-15197  
 Cyclic adenosine-3,5-monophosphate and photoreceptor potential of the retina in vertebrates p0035 A78-16081  
 Mechanism for the formation of synaptic projections in the arthropod visual system p0072 A78-21196  
 Neuronal network in the retina - Interactions between photoreceptors /cones/ and horizontal cells p0296 A78-52372  
 Retinal rod outer segment discs: A study of membrane structure and function p0296 A78-52444  
 Retinal rod outer segment discs: A study of membrane structure and function p0087 A78-16601  
 p0123 A78-19750
- PHOTOREDUCTION**  
 U PHOTOCHEMICAL REACTIONS
- PHOTOSENSITIVITY**  
 BT LIGHT ADAPTATION  
 Responses of macaque ganglion cells to far violet lights p0025 A78-14412  
 Theoretical limit to the contrast sensitivity of the human visual analyzer p0154 A78-33817  
 Psychophysiological distinctions of pilot performance during brief exposure to intensive photic stimuli p0306 A78-32678
- PHOTOSENSORS**  
 U RADIATION MEASURING INSTRUMENTS
- PHOTOSYNTHESIS**  
 Stochastic models of algal photosynthesis in turbulent channel flow p0032 A78-15380  
 The problem of photosynthetic hydrogen p0051 A78-18521  
 Phycobilins of blue-green algae in connection with the problem of the origin and evolution of life on earth p0237 A78-44018  
 Effects of simulated hypogravity on respiration and photosynthesis of higher plants p0269 A78-48680  
 Biophysics of photosynthesis p0303 A78-53848
- PHOTOTHERMOTROPISM**  
 U TEMPERATURE EFFECTS
- PHOTOVOLTAIC CONVERSION**  
 Improved semiconductors for photovoltaic solar cells [DSE/2457-5] p0256 A78-29759
- PHUGOID OSCILLATIONS**  
 U OSCILLATIONS  
 U PITCH (INCLINATION)
- PHYSICAL ENDURANCE**  
 U PHYSICAL FITNESS
- PHYSICAL EXAMINATIONS**  
 Ten-year experience with abnormal EEGs in asymptomatic adult males p0158 A78-35112  
 The microvibrations of the body, an index for examination stress p0272 A78-49297
- PHYSICAL EXERCISE**  
 P-R interval in relation to heart rate during exercise and the influence of posture and autonomic tone p0004 A78-12475  
 Human circadian rhythms in resting and exercise pulse rates p0019 A78-13477  
 The false positive stress test - Multivariate analysis of 215 subjects with hemodynamic, angiographic and clinical data p0026 A78-14646
- Exercise stress testing p0026 A78-15159  
 Diagnostic value of history and maximal exercise electrocardiography in men and women suspected of coronary heart disease p0027 A78-15160  
 Altered control of skin blood flow during exercise at high internal temperatures p0033 A78-15519  
 Phosphagen and lactate contents of m. quadriceps femoris of man after exercise p0033 A78-15522  
 Effects of training and heat acclimatization on blood plasma contents of exercising men p0049 A78-18076  
 Heat acclimation, physical fitness, and responses to exercise in temperate and hot environments p0050 A78-18079  
 Role of brain Ca<sup>2+</sup> in central control of body temperature during exercise in the monkey p0050 A78-18081  
 Kinetics of gas exchange and ventilation in transitions from rest or prior exercise p0050 A78-18082  
 Plasma /Na<sup>+</sup>/, /Ca<sup>++</sup>/, and volume shifts and thermoregulation during exercise in man p0053 A78-18573  
 Insulin and glucose responses during bed rest with isotonic and isometric exercise p0053 A78-18574  
 Theoretical considerations on the determining factors of V-O<sub>2</sub> max p0056 A78-20150  
 Exercise-induced changes in blood ammonia levels in humans p0057 A78-20339  
 Effect of isometric exercise on catecholamines in the coronary circulation p0057 A78-20341  
 The effects of exercise on the amplitude of the first heart sound in normal subjects p0057 A78-20361  
 Asymptomatic coronary double obstruction revealed in a 32-year-old pilot by exercise testing on a bicycle ergometer p0059 A78-20557  
 Relationship between maximal oxygen uptake and left ventricular function in exercise p0082 A78-23601  
 Reliability of noninvasive methods for measuring cardiac function in exercise p0082 A78-23602  
 Intravascular volume and tonicity as factors in the regulation of body temperature p0082 A78-23603  
 Transient O<sub>2</sub> uptake response at the onset of exercise p0082 A78-23604  
 Comparison of exercise responses of males and females during acute exposure to hypobaria p0102 A78-26738  
 The lack of influence of reactive hyperemia on exhausting rhythmic or static exercise p0102 A78-26745  
 Effects of simulated altitude training on aerobic and anaerobic power p0103 A78-26746  
 Effects of exercise and excitement on mesenteric and renal dynamics in conscious, unrestrained baboons p0104 A78-27124  
 Influence of specific and nonspecific training on +Gz acceleration tolerance of rats p0106 A78-28321  
 Influence of local decompression on serum sodium and potassium contents in athletes during exercise on a wrist ergograph p0129 A78-28493  
 Reduced triglyceride secretion - A metabolic consequence of chronic exercise p0134 A78-29637  
 Changes in male exercise performance and anthropometric variables between the ages of 19 and 30 p0138 A78-31769  
 Effect of exercise on pre- and postcapillary resistance in the spontaneously hypertensive rat p0154 A78-33525

# PHYSICAL FACTORS

# SUBJECT INDEX

Effects of atropine and beta-blockade on temperature regulation and performance during prolonged exercise p0154 A78-34081

Sexual variations in thermoregulation during heat stress p0157 A78-35108

The role of exercise in internal medicine --- Book p0158 A78-35649

Hypoxia, smoking history, and exercise --- at simulated altitudes p0161 A78-36155

Exercise in cardiovascular health and disease --- Book p0197 A78-38053

Differences in cardio-respiratory responses to exhaustive exercise between athletes and non-athletes p0201 A78-39747

Reactivity of normal airways to short-term exercise p0201 A78-39749

Total and alactic oxygen debts after supramaximal work p0201 A78-39750

Indices of thermoregulatory strain for moderate exercise in the heat p0217 A78-42005

Effects of exercise on sleep p0217 A78-42006

Chronoinotropic reserves of the myocardium p0218 A78-42655

Phase structure of the diastole of trained heart p0218 A78-42656

Rapid changes in left ventricular dimensions and mass in response to physical conditioning and deconditioning p0220 A78-42847

Different prognostic value of exercise electrocardiogram in men and women p0220 A78-42925

Comparison of metabolic and ventilatory responses of men to various lifting tasks and bicycle ergometry p0235 A78-43789

Metabolic, cardiovascular, and respiratory factors in the development of fatigue in lifting tasks p0236 A78-43790

Metabolic and cardiovascular adjustment to arm training p0236 A78-43791

Carbohydrate, lipid, and amino acid metabolism following physical exercise in man p0236 A78-43793

Gas exchanges during exercise in normoxia and hyperoxia p0237 A78-43944

Adaptive cardiovascular changes to physical training in spontaneously hypertensive and normotensive rats p0258 A78-46981

Influence of posture on isometric fatigue p0258 A78-47207

An assessment of a N2O rebreathing method for the estimation of cardiac output during severe exercise p0259 A78-47492

Hormonal responses of sedentary and exercising men to recurrent heat exposure p0265 A78-48084

Lipid metabolism during exercise. I - Physiological and biochemical characterization of normal healthy male subjects in relation to their physical fitness p0292 A78-51300

Quantitative systems analysis of various regimes of intense muscular loading p0292 A78-51320

Effect of altitude on dietary-induced thermogenesis at rest and during light exercise in man p0296 A78-52537

Effects of exercise, altitude, and food on blood hormone and metabolite levels p0296 A78-52538

Metabolic structure of the recovery process following various physical stresses p0303 A78-53791

Sweating response: A means of evaluating the set-point theory during exercise

Blood fibrinolysis, coagulation and lactate in trained and untrained men at rest and after exercise p0005 N78-10687

A comparison of exercise responses of males and females during acute exposure to hypobaria [AD-A045383] p0065 N78-15677

Mechanics of speech-related respiration while performing static physical exercise p0095 N78-17668

Relationship between onset of altitude-decompression disorders in man and barometric pressure level during intensive physical exercise p0116 N78-18726

The rate of synthesis and decomposition of tissue proteins in hypokinesia and increased muscular activity [NASA-TN-75203] p0120 N78-18758

Human endurance of measured exercise in the presence of chronic hypercapnia p0123 N78-19751

Motor activity and prevention of consequences of hypokinesia (on the basis of indices of tissular metabolism) --- DNA RNA and protein content p0185 N78-23718

Changes in the human blood coagulating system during prolonged hypokinesia p0185 N78-23720

Recurrent heat exposure: Effects on hormonal responses in resting and exercising men [AD-A050539] p0230 N78-27754

Experimental attempts to evoke a differential response to different stressors p0231 N78-27761

PHYSICAL FACTORS p0311 N78-32716

Comprehensive study interrelating cardiac function and fundamental muscle mechanics p0086 N78-16595

PHYSICAL FITNESS

Effects of training and heat acclimatization on blood plasma contents of exercising men p0049 A78-18076

Heat acclimation, physical fitness, and responses to exercise in temperate and hot environments p0050 A78-18079

Fatty acid profile and cholesterol in skeletal muscle of trained and untrained men p0050 A78-18083

Study of the work capability of helicopter crews during a long stay on warships p0137 A78-30786

Increased contractile potential of papillary muscles from exercise-trained rat hearts p0154 A78-33524

The analysis of aviation training evaluations. V - Factor analysis of flight aptitude test and comparison with the previous report p0238 A78-44349

Lipid metabolism during exercise. I - Physiological and biochemical characterization of normal healthy male subjects in relation to their physical fitness p0292 A78-51300

Metabolic structure of the recovery process following various physical stresses p0303 A78-53791

A comparison of exercise responses of males and females during acute exposure to hypobaria p0039 N78-12652

Comparative study of regulations on standards of medical fitness for flying duties in nine air forces covering seven NATO countries [AGARD-AG-213 (ENG)] p0066 N78-15688

Circulatory, renal and endocrine reactions on simulated weightlessness dependent on physical fitness state p0170 N78-22629

Comparison of blood flow in normal subjects during applications of heat, cold, and exercise at therapeutic levels p0178 N78-22691

Interaction of cardiorespiratory physical fitness and heat tolerance [AD-A050149] p0231 N78-27763

Physical fitness of permanent lowland and highland residents p0306 N78-32679

# SUBJECT INDEX

# PHYSIOLOGICAL EFFECTS

## PHYSICAL WORK

- Effect of the physical load on human biorhythms
  - relating to space flight p0022 A78-13586
- Diurnal rhythm of secretion of 17-oxy corticoids
  - during local and uniform production work p0129 A78-28488
- Hydrocortisone, catecholamines and arterial
  - pressure under work load p0129 A78-28489
- Optimal rate of work for mountaineers p0217 A78-42007
- Performance, mood, and clinical symptoms in men
  - exposed to prolonged, severe physical work and sleep deprivation p0265 A78-48079
- Oxygen consumption during constant-load exercise p0297 A78-52540
- Impedance cardiography for estimating cardiac
  - output during submaximal and maximal work p0297 A78-52544
- Effect of vitamin and amino acid supplements on
  - human performance during heavy mental and physical work p0298 A78-52638
- Heat stress, work function and physiological heat
  - exposure limits in man [AD-A050008] p0146 A78-20767
- Cosmonaut work capacity in flight p0150 A78-21762
- The nature of the perception of effort at sea
  - level and high altitude [AD-A051274] p0246 A78-28781
- Perception of effort during constant work to
  - self-imposed exhaustion [AD-A051275] p0246 A78-28782

## PHYSICIANS

- Role of the physician in decisions concerning
  - overseas transfers in an airline company p0139 A78-31805

## PHYSIOLOGICAL DEFENSES

- Characterization and study of the mechanism of the
  - thymus factor /thymarine/ p0241 A78-45988
- Some indices of oxygen exchange and resistance of
  - rats to acute hypoxia during posttransfusion polycythemia p0302 A78-53788

## PHYSIOLOGICAL EFFECTS

- NT HEMODYNAMIC RESPONSES
- NT PHYSIOLOGICAL RESPONSES
- Smoking --- pathological, physiological and
  - behavioral effects p0020 A78-13517
- Study of the effects of chronic ozone exposure on
  - animals - Morphological and functional changes p0024 A78-14193
- Prevention of human deconditioning during
  - prolonged immersion in water p0030 A78-15202
- Clinical and physiological aspects of the
  - evacuation of the wounded and the sick by air transport p0054 A78-18923
- Hypokinesia and readaptation /physiological aspects/
  - p0072 A78-21184
- Alterations in erythrocyte survival parameters in
  - rats after 19.5 days aboard Cosmos 782 p0079 A78-21744
- Effect of certain space-flight factors on the
  - vestibular system in man /based on data from domestic and foreign literature/ p0105 A78-27949
- Presentations on aerospace medicine at Bourget ---
  - Conference summary on medical factors involved in flying Concorde p0132 A78-29300
- Consequences of noise on the organism -
  - Consideration of the present state of the question p0138 A78-31801
- Aircraft fuel crews - Occupational hazards and
  - sicknesses p0139 A78-31803
- Physiological and psychological effects of heat
  - stress simulating cockpit conditions p0160 A78-36153
- Physiological effects of varying gravity p0198 A78-38751

- Blood volume and body haematocrit of rats native
  - to a simulated altitude of 3500 m p0215 A78-41214
- Heat losses and body temperature of albino rats
  - during hyperoxia p0235 A78-43642
- Increased heat production of muscular contraction
  - after cold adaptation p0237 A78-44009
- Visual-field displacements in human beings evoked
  - by acoustical transients p0239 A78-45397
- Health effects of noise exposure p0239 A78-45504
- Review of animal experiments --- noise effects on
  - bodily functions other than hearing p0240 A78-45505
- Effect of dehydration on erythropoiesis in mice -
  - Relevance to the 'anemia' of space flight p0242 A78-46414
- Man under conditions of weightlessness ---
  - physiological effects p0259 A78-47482
- The mechanisms of development of morphological
  - changes in mammals on biosatellites p0291 A78-50997
- Effects of exercise, altitude, and food on blood
  - hormone and metabolite levels p0296 A78-52538
- Physiological studies in space with nonhuman
  - primates using the monkey pod p0009 A78-11665
- The Orbiting Primate Experiment (OPE) p0009 A78-11666
- Some effects of acceleration in man and chimpanzees
  - gravitational effects p0009 A78-11668
- Biorhythms and space experiments with nonhuman
  - primates p0009 A78-11669
- Vestibular functions and sleep in space experiments
  - using rhesus and owl monkeys p0009 A78-11670
- Effects of lithium carbonate on performance and
  - biomedical functions [AD-A044824/1] p0066 A78-15685
- Translations on USSR science and technology
  - biomedical and behavioral Sciences, no. 19 [JPRS-70469] p0088 A78-16611
- Aircrew fatigue in nonstop, transoceanic tactical
  - deployments p0091 A78-16628
- Killfish hatching and orientation: Experiment
  - MA-161 p0092 A78-17106
- Effects of endurance training on left ventricular
  - function in the dog: A cineangiographic study p0092 A78-17646
- The effects of maldistribution on the uptake and
  - distribution of inert gases in the human lung p0093 A78-17649
- Research report on the physiological effects of
  - air ions and their significance as environmental factors [NASA-TN-75086] p0123 A78-19752
- Combined effect of weightless and ionizing
  - radiation of rats: Results of morphological studies p0124 A78-19759
- Physiological changes in space travel and the
  - cellular membrane involvement p0174 A78-22661
- Information profiles on potential occupational
  - hazards [PB-276678/0] p0180 A78-22712
- Underclothing and its physiological effects in a
  - hot-dry environment [AD-A050540] p0182 A78-22725
- Studies of reactivity of the organism using some
  - pharmacological tests --- catecholamine metabolism and synthesis in humans p0184 A78-23711
- Human endurance of measured exercise in the
  - presence of chronic hypercapnia p0185 A78-23718
- The combined effect of volatile products of
  - thermal oxidation decomposition of lubricating oil and hypoxic hypoxia on the organism p0185 A78-23723

# PHYSIOLOGICAL FACTORS

# SUBJECT INDEX

- Biological significance of some metals as air pollutants. Part 2: Mercury [PB-279670/4] p0277 N78-30814
- Translations on USSR science and technology: Biomedical and behavioral sciences, no. 40. Effects on nonionizing electromagnetic radiation [JPRS-71595] p0281 N78-31705
- Work Capability and physiological effects predictive studies. 4: In He-O2 excursions to pressures of 400- 800- 1200- and 1600 feet of sea water [NASA-CR-157571] p0282 N78-31714
- The vibrating environment in transport vehicles: A critical bibliographical study --- human tolerance to vibratory loads [RAE-LIB-TRANS-1917] p0285 N78-31738
- Space biology and aerospace medicine, no. 4 [JPRS-71830] p0305 N78-32672
- Effects of weightlessness and hypokinesia on contractility of bundles of glycerin-treated rat muscle fibers p0307 N78-32689
- Volume-restricted freezing of living cells and tissues [ORNL/MIT-265] p0313 N78-33705
- PHYSIOLOGICAL FACTORS**
- WT PHYSICAL FACTORS**
- Purpose of the piloted Soyuz spacecraft and medical-biological investigations p0193 A78-36627
- Behavior therapy and the treatment of flight phobia p0266 A78-48086
- PHYSIOLOGICAL RESPONSES**
- WT HEMODYNAMIC RESPONSES**
- Application of factor analysis to electroencephalogram p0001 A78-10197
- Reinforcement of ozone action in mice by additional environmental compounds p0024 A78-14194
- Acute effects of ozone on lung function in humans p0024 A78-14195
- The effects of ozone in the range of the maximum work location concentration on subjects p0024 A78-14196
- The human health effects of photochemical oxidant air pollution - A review of experience in the United States p0024 A78-14197
- Circulatory adaptive reactions under hypergravity in normal and cold environments p0030 A78-15203
- Effects of training and heat acclimatization on blood plasma contents of exercising men p0049 A78-18076
- Heat acclimation, physical fitness, and responses to exercise in temperate and hot environments p0050 A78-18079
- Insulin and glucose responses during bed rest with isotonic and isometric exercise p0053 A78-18574
- Role of humoral-hormonal factors in human predisposition to motion sickness p0071 A78-21176
- Oxygen consumption and some indicators of external respiration during cold adaptation p0072 A78-21180
- Radiobiological experiment aboard the biosatellite Cosmos-690 p0079 A78-21739
- Increased secretion of growth hormone, prolactin, antidiuretic hormone, and cortisol induced by the stress of motion sickness p0079 A78-21741
- Increased urinary excretion of triiodothyronine /T3/ and thyroxine /T4/ and decreased serum thyrotropic hormone /TSH/ induced by motion sickness p0079 A78-21742
- Effects of 6 hours hypoxic and cold exposure on urinary electrolyte and catecholamine excretion p0079 A78-21743
- Rat lung hyper-reactivity to stress p0079 A78-21745
- Fast, rate-sensitive corticosteroid negative feedback during stress p0082 A78-23649
- Site of fast, rate-sensitive feedback inhibition of adrenocorticotropin secretion during stress p0082 A78-23650
- Adaptive modifications of cold pain. II - Long-term experiments with 24-hour intervals p0102 A78-26744
- The division of attention and the human auditory evoked potential p0105 A78-27748
- Functions of calcium in sweat secretion p0131 A78-29253
- Reduced triglyceride secretion - A metabolic consequence of chronic exercise p0134 A78-29637
- Comparison of synchronization of primate circadian rhythms by light and food p0134 A78-29640
- Acute and long-duration hypoxia --- Russian book p0155 A78-34156
- Response of neurons of associative nuclei in the thalamus during thermal action on the anterior hypothalamus and the skin p0156 A78-34784
- Laboratory comparison of techniques for rewarming hypothermic casualties p0157 A78-35105
- Sexual variations in thermoregulation during heat stress p0157 A78-35108
- The role of exercise in internal medicine --- Book p0158 A78-35649
- Protection against the physiological effects of positive pressure breathing p0160 A78-36151
- Mechanism of the attenuated cardiac response to beta-adrenergic stimulation in chronic hypoxia p0191 A78-36601
- Response of the iron-deficient erythrocyte in the rat to hyperoxia p0192 A78-36605
- Medical monitoring and prognosis of cosmonauts during flight p0193 A78-36632
- Medical observations and investigations --- cosmonaut afterflight clinical examinations p0194 A78-36634
- Preliminary results of medicobiological studies performed during Soyuz-19 and Apollo flights p0194 A78-36642
- Temporal limitations of processing of visual information by a human operator p0196 A78-37741
- Dynamics of structural transformations in physiological systems receiving stresses of various intensities and lengths p0214 A78-4101
- Space colonization - Some physiological perspective p0215 A78-4116
- Cardiovascular responses to the simulated diving in man and rat p0216 A78-4152
- The effect of background familiarity in visual search - An analysis of underlying factors p0216 A78-4181
- Effects of exercise on sleep p0217 A78-4200
- Physiologic regulation of body energy storage p0219 A78-4281
- Medical effects of environmental noise on humans p0240 A78-4550
- Effects of aircraft noise on mental health p0240 A78-4550
- Noise-induced sleep disturbances and their effects on health p0240 A78-4550
- Defensive activation toward noise p0240 A78-4550
- Continuing studies of noise and cardiovascular function p0240 A78-4550
- Changes in EEG pattern during acclimatization to high altitude /3500 m/ in man p0241 A78-464
- Cold-induced vasodilatation response at different water bath temperatures in monkeys p0242 A78-464
- Functional stability of cerebral circulation p0242 A78-464
- Hormonal responses of sedentary and exercising men to recurrent heat exposure p0265 A78-480

## SUBJECT INDEX

## PHYSIOLOGICAL TESTS

- Loss of circadian rhythmicity in body temperature and locomotor activity following suprachiasmatic lesions in the rat p0267 A78-48576
- Responses of roots to simulated weightlessness on the fast rotating klinostat p0268 A78-48667
- Gravity as a biochemical determinant p0269 A78-48671
- Systems analysis of sympathetic functions p0270 A78-48752
- Analysis of energy metabolism of a functioning heart during hypoxia and variations of functional loading p0270 A78-48754
- Lipid metabolism during exercise. I - Physiological and biochemical characterization of normal healthy male subjects in relation to their physical fitness p0292 A78-51300
- Quantitative systems analysis of various regimes of intense muscular loading p0292 A78-51320
- Studies on the light and dark adaptation system in the retina p0294 A78-51873
- Binocular interactions during establishment of McCollough effects --- color aftereffects p0295 A78-51955
- Complete adaptation to patterned stimuli - A necessary and sufficient condition for Weber's law for contrast p0295 A78-51956
- Effect of impulse accelerations on the condition of the cardiovascular system of healthy people p0296 A78-52274
- Neuronal network in the retina - Interactions between photoreceptors /cones/ and horizontal cells p0296 A78-52444
- Effect of altitude on dietary-induced thermogenesis at rest and during light exercise in man p0296 A78-52537
- Controlled cellular energy conversion in brown adipose tissue thermogenesis p0299 A78-52698
- Circadian rhythm dissociation in an environment with conflicting temporal information p0299 A78-52699
- Criteria for quantitative evaluation of respiratory system responses p0302 A78-53790
- Physiological spacecraft environment documentation [NASA-CR-151589] p0061 A78-14778
- A procedure for the evaluation of physiological measurements [DLR-IB-552-77/9] p0062 A78-14780
- The physiological response to time varying work loads p0065 A78-15681
- Physiological responses to cold [PB-273254/3] p0088 A78-16612
- Females and hot environments [PB-273257/6] p0089 A78-16613
- Polymorphonuclear leukocyte response: Experiment MA-032 p0092 A78-17105
- Defense reactions of the organism while breathing high concentrations of carbon dioxide p0117 A78-18734
- Responses of the frog to angular accelerations in weightlessness p0171 A78-22640
- Human response to vibration under different conditions p0174 A78-22665
- Simulation responses of a control model of human skeletal muscle p0179 A78-22701
- Spatial frequency responses of the human visual system [CIRC-193] p0187 A78-23735
- The effect of the benzodiazepine adumbran on the resting and sleep EEG and on the visual evoked potential in adult man [RAE-LIB-TRANS-1906] p0187 A78-23736
- Biomechanical and performance response of man in six different directional axis vibration environments [AD-A052069] p0188 A78-23739
- Effects of stimulus repetition rate and sensation level upon the EEG following response of awake human subjects p0224 A78-26722
- Mechanism of the attenuated cardiac response to beta-adrenergic stimulation in chronic hypoxia [AD-A050147] p0231 A78-27762
- Hypoxic conditioning in kittens: Sleep-waking state and cardiorespiratory responses p0245 A78-28774
- Physiological response to atmospheric pollutants [PB-280413/6] p0284 A78-31731
- Physiological measures of workloads: Correlations between physiological parameters and operational performance p0287 A78-31753
- Physical fitness of permanent lowland and highland residents p0306 A78-32679
- Histochemical study of digestive organs of rats involved in space flight on the Kosmos-690 satellite p0306 A78-32681
- Experimental attempts to evoke a differential response to different stressors [AD-A054795] p0311 A78-32716
- Physical mechanisms for biological effects of ultrasound [PB-282234/4] p0316 A78-33725
- PHYSIOLOGICAL TELEMETRY  
O BIOTELEMETRY  
PHYSIOLOGICAL TESTS  
NT ELECTRONYSTAGMOGRAPHY  
NT VESTIBULAR TESTS
- Vestibular and somatosensory interaction in the cat vestibular nuclei p0023 A78-14064
- Exercise stress testing p0026 A78-15159
- Preliminary results of medical investigations during manned flights of the Salyut 4 Orbital Station p0030 A78-15199
- Continuous 30-day measurements utilizing the monkey metabolism pod --- study of weightlessness effects p0030 A78-15201
- Environmental synchronizers of squirrel monkey circadian rhythms p0033 A78-15520
- Effects of acute hyperkalemia on cardiac excitability p0034 A78-15955
- The kinetocardiogram during the isoproterenol test for the assessment of coronary heart disease p0055 A78-19130
- Postural effects on the noninvasive baselines of ventricular performance p0055 A78-19131
- The use of a primate as an experimental model aboard Spacelab p0058 A78-20545
- Studies with the USP/NASA toxicity screening test method - Oxygen concentrations with various test conditions p0081 A78-22496
- Reliability of noninvasive methods for measuring cardiac function in exercise p0082 A78-23602
- Transient O2 uptake response at the onset of exercise p0082 A78-23604
- Functioning of intramuscular peripheral hearts in the dog under conditions of general hypothermia p0084 A78-24595
- Dynamics of cardiorespiratory system indicators in healthy man during passive orthostatic test p0129 A78-28490
- Effects of fixed versus variable reference frequencies on psychophysical judgments of vibration p0133 A78-29543
- Extent of utilization of the Frank-Starling mechanism in conscious dogs --- preload effects on myocardial regulation



Effect of exercise on pre- and postcapillary resistance in the spontaneously hypertensive rat p0154 A78-33522

Effects of atropine and beta-blockade on temperature regulation and performance during prolonged exercise p0154 A78-33525

Experiments on the detection of roll motion p0154 A78-34081

Embryonic implantation, dietary intake, and plasma GH concentration in pregnant mice exposed to hypoxia p0157 A78-35101

Effect of altitude acclimatization on thermoregulation efficiency of man p0157 A78-35104

Disseminated intravascular coagulation developed in hyperbaric oxygen p0157 A78-35107

Heterophoria ~ Its influence on stereopsis and the importance of cycloplegia in refraction testing of pilot applicants p0158 A78-35110

Modern electronystagmography for vestibulometry p0158 A78-35113

Preventive effect of a vasodilator on the occurrence of decompression sickness in rabbits p0160 A78-35899

Time course of change in soleus muscle fibers of rats subjected to chronic centrifugation p0160 A78-36152

Reproducibility of toxicity test data as a function of mouse strain, animal lot, and operator --- for bisphenol A polycarbonate p0161 A78-36156

Physiological hygiene studies --- for spacecraft environments p0191 A78-36599

Influence of angular measures, duration, and shape of stimuli on detecting the order of tracking visual signals p0193 A78-36629

Some mechanisms of visual masking p0196 A78-37746

Cortical evoked potentials during successive visual masking p0197 A78-37747

Characteristics of voluntary control of respiratory movements in man during muscular work of varying power p0197 A78-37748

Some aspects and achievements of the application of mathematical analysis to cardiac rhythmology p0197 A78-37750

Functional system of antigravity and modeling of physiological effects of decreased gravity p0198 A78-38753

Effects of high ambient temperature on sleep in young men p0199 A78-38755

Functional state of the cardiovascular system with regard to the longterm effect of low acceleration p0214 A78-41158

Different prognostic value of exercise electrocardiogram in men and women p0220 A78-42898

Comparison of metabolic and ventilatory responses of men to various lifting tasks and bicycle ergometry p0220 A78-42925

Gas exchanges during exercise in normoxia and hyperoxia p0235 A78-43789

Contractile function of the myocardium and energy supply during experimental hyperfunction of the heart in animals of different age p0237 A78-43944

Investigation of the activity of isocitrate dehydrogenase and malate dehydrogenase in tissues of rats with different resistance to acute hypoxic hypoxia p0237 A78-44090

Metabolic characteristics of rapidly and slowly developing fatigue p0237 A78-44092

Heat production in isolated skeletal muscles from albino rats adapting to cold p0238 A78-44217

p0238 A78-44218

Justification of the use of artificial gravity in space flight --- for optimal astronaut performance p0261 A78-47959

Operator activity in a state of continuous wakefulness p0262 A78-47969

Human operator in a spacecraft control system during descent in the atmosphere p0263 A78-47970

Manual control of astronaut attitude with a three-stage setup p0263 A78-47971

Visual work capacity under the action of overloads and elevated temperature p0263 A78-47972

Spaceflight stress factors and the ability to track p0263 A78-47973

Analysis of the contractility of the myocardium of different heart chambers by means of comparing the isometric contraction of isolated stria and the strain-gage recording of isometric stress of the myocardium of an intact functioning heart p0270 A78-48753

Investigation of the output of the left ventricle of the human heart p0270 A78-48756

The role of a decrease in body heat content in the thermoregulatory response of ear passageways p0293 A78-51661

Role of the paradoxical phase in the organization of the sleep-wakefulness cycle in the rat p0302 A78-53786

REM deprivation by stimulation of the reticular formation in the rat p0302 A78-53787

Inhalation toxicology: 1. Design of a small-animal test system. 2. Determination of the relative toxic hazards of 75 aircraft cabin materials [AD-A043646] p0011 N78-11681

Conditions for the testing of drugs in man [BLL-RTS-10883] p0063 N78-15668

The physiological response to time varying work loads p0065 N78-15681

Specialized physiological studies in support of manned space flight [NASA-CR-151626] p0095 N78-17664

CV 990 interface test and procedure analysis of the monkey restraint, support equipment, and telemetry electronics proposed for Spacelab [NASA-TM-78484] p0228 N78-27736

Medical evaluation of 2-pressure suit used in explosive decompressions up to 20,000 m altitude [FOA-A-59002-H3] p0256 N78-29761

Pilot workload analysis based upon in-flight physiological measurements and task analysis methods [NLR-MP-76001-U] p0256 N78-29762

Correlations between night vision tests [FOA-C-56014-H9] p0283 N78-31726

Investigation of possibility of using lower body negative pressure test for screening cosmonaut candidates p0305 N78-32674

Development of the aviation stress protocol: Simulation and performance, physiological, and biochemical monitoring systems, phase 1 p0309 N78-32700

## PHYSIOLOGY

NT BODY COMPOSITION (BIOLOGY)

NT ELECTROPHYSIOLOGY

NT NEUROPHYSIOLOGY

NT PSYCHOPHYSIOLOGY

NT RESPIRATORY PHYSIOLOGY

Psychophysiological effects of aging: Developing a functional age index for pilots. 1. A survey of the pertinent literature p0006 N78-10694

The rhesus monkey (*Macaca mulatta*) as a flight candidate p0010 N78-11674

Accumulated stress, reserve capacity, and disease p0011 N78-11684

Physiological studies of nitrogen fixation by blue-green algae p0039 N78-12647

Physiological correlates of performance in a long duration repetitive visual task

## SUBJECT INDEX

## PILOT PERFORMANCE

- [AD-A043047] p0095 H78-17666  
Influence of central venous pressure upon sinus  
node responses to arterial baroreflex  
stimulation in man p0109 H78-18678  
[NASA-CR-155783]  
Physiology of antiothostatism p0116 H78-18730  
Auditory information of flying personnel:  
Anatomical and physiological basis p0249 H78-28800  
Psychopathology in equilibration in aerospace  
medicine p0249 H78-28802
- PHYTOTOXINS**  
Biological experiments on the orbital station  
Salyut 4 p0030 A78-15207
- PICKOFFS**  
U SENSORS
- PICKUPS**  
U SENSORS
- PIEZORESISTIVE TRANSDUCERS**  
A detailed performance evaluation of subminiature  
piezoresistive accelerometers p0048 A78-17407
- PIGMENTS**  
HT CAROTENE  
HT VISUAL PIGMENTS  
Porphyrins and phycobilins in Precambrian rocks  
--- for chemical evolution p0138 A78-31382  
Phycobilins of blue-green algae in connection with  
the problem of the origin and evolution of life  
on earth p0237 A78-44018  
Spectrophotofluorometric and electron microscopic  
study of lipofuscin accumulation in the testis  
of aging mice p0267 A78-48581  
Microorganisms of the upper layers of the  
atmosphere and protective role of their cell  
pigments p0269 A78-48712
- PIGS (SWINE)**  
U SWINE
- PILOT ERROR**  
Phobic syndromes and in-flight errors: Their  
relation to predisposing or determining  
psychological factors - Clinical studies p0020 A78-13510  
Behavior and the mind --- psychological factors  
influencing military pilot performance p0020 A78-13518  
Influence of optical defects on the cockpit canopy  
glass on the spatial orientation of a pilot  
during flight p0103 A78-27099  
Spatial disorientation in general aviation accidents  
p0265 A78-48081
- PILOT PERFORMANCE**  
Trouble shooting pattern of emergency through  
instruments by jet-pilots. I p0001 A78-10194  
Application of factor analysis to  
electroencephalogram p0001 A78-10197  
A design procedure for control/display systems ---  
performance-workload relations for CH-47  
helicopter longitudinal response p0003 A78-12447  
Display analysis with the optimal control model of  
the human operator --- pilot-vehicle display  
interface and information processing p0003 A78-12448  
Prediction of pilot opinion ratings using an  
optimal pilot model --- of aircraft handling  
qualities in multi-axis tasks p0003 A78-12449  
The effects of cockpit environment on long-term  
pilot performance p0003 A78-12450  
A contribution to the study of mental  
confabulation and a general hypothesis on the  
functioning of logical and critical processes  
p0019 A78-13508  
Perceptual and intellectual activities in  
tachistoscopic vision - Comparisons with the  
same activities during normal conditions, and  
theoretical considerations
- p0020 A78-13509  
Behavior and the mind --- psychological factors  
influencing military pilot performance p0020 A78-13518  
A psychophysiological study of pilot behavior in  
conditions of combined activity p0022 A78-13589  
Good and poor tracking performance manifest in  
error and eye movement phase planes p0033 A78-15583  
Validation of a model of a human pilot p0036 A78-16623  
Detection by pilots of system failures during  
instrument landings p0049 A78-17740  
Airline pilot scanning behavior during approaches  
and landing in a Boeing 737 simulator p0054 A78-18798  
Applications of pilot scanning behavior to  
integrated display research p0056 A78-19430  
Investigation of pilot behavior in flight  
/Analysis of Japanese studies/ p0060 A78-20564  
And what is the limit of the minimum --- pilot  
factor during instrument landing p0073 A78-21475  
Model for human controller performance in  
vibration environments p0077 A78-21729  
Recent advances in modelling the effects of roll  
motion on the human operator p0077 A78-21730  
Perseveration effects in detection tasks with  
correlated decision intervals --- applied to  
pilot collision avoidance p0083 A78-23999  
The visual risk of ethambutol treatment -  
Aeronautical incidences p0132 A78-29296  
Monocular vision and landing performance in  
general aviation pilots - Cyclops revisited p0132 A78-29539  
Transfer of training on manual control systems  
differing in short period frequency and damping  
characteristics p0133 A78-29541  
Effect of vestibular and optokinetic stimuli on  
the speed of processing information by an operator  
--- pilot performance p0137 A78-30785  
Study of the work capability of helicopter crews  
during a long stay on warships p0137 A78-30786  
Concerning optical correction by contact lenses  
for private pilots of aircraft and gliders in  
VFR conditions p0139 A78-31804  
Stress and workload in pilots p0140 A78-31846  
Monocular peripheral vision as a factor in flight  
safety p0157 A78-35106  
Inflight measurement of pilot workload - A panel  
discussion p0161 A78-36158  
Quality of pilot landing performance and visual  
information about altitude and distance p0191 A78-36326  
Noise exposure, monitoring and tracking  
performance as a function of signal bias and  
task priority p0195 A78-36676  
Prediction of pilot-aircraft stability boundaries  
and performance contours p0195 A78-37129  
Detection of initial stages of overstrain in  
aircrew members p0199 A78-39198  
Evaluation method of mental workload under flight  
conditions --- relationship to heart rate  
variability p0215 A78-41168  
The concepts of a proficiency advancement model  
for basic flight training programs p0220 A78-43040  
Discrete-time pilot model  
[ONEBA, TP NO. 1978-60] p0239 A78-45272

# PILOT SELECTION

# SUBJECT INDEX

Research in pilot scanning behavior p0239 A78-45438  
Deterioration of human performance resulting from mechanical vibrations p0257 A78-46955  
Crises of maladaptation in confirmed pilots p0258 A78-46959  
Method of evaluating the work capacity of pilots and astronauts p0262 A78-47962  
Psychophysiological characteristics of pilot activity during low-altitude flights over the sea p0266 A78-48410  
Residual attention as a predictor of pilot performance p0272 A78-49274  
A reaction time analysis of instrument scanning --- by aircraft pilots p0272 A78-49275  
Simulator study for the determination of the demands upon the pilot in the case of unconventional, spatially curved approach profiles --- German thesis p0273 A78-49406  
Human-factors optimization of displays and control units for pilot and copilot p0289 A78-50267  
Verification of workload - A job for simulation --- pilot performance [AIAA 78-1586] p0290 A78-50664  
Closed loop models for analyzing the effects of simulator characteristics --- pilot performance/workload prediction [AIAA 78-1592] p0291 A78-50667  
A model for the pilot's use of motion cues in steady-state roll-axis tracking tasks [AIAA 78-1593] p0291 A78-50668  
Time delays in flight simulators - Behavioral and engineering analyses [AIAA 78-1596] p0291 A78-50670  
A review of human factors engineering studies at Aeromedical Laboratory p0293 A78-51498  
Visual problems of pilots - Study on distance judgement of pilots p0293 A78-51500  
Two methods for the investigation of visual positional perception on the basis of synthetically produced representations for visual flight simulation --- German thesis p0296 A78-52497  
Workload and fatigue-in-flight EEG changes p0298 A78-52640  
U.S. fatal general aviation accidents due to cardiovascular incapacitation: 1974-75 p0298 A78-52644  
Pilot tracking performance as a function of G stress and seat back angle [AD-A042950] p0006 N78-10695  
The effect of a visual/motion display mismatch in a single axis compensatory tracking task [NASA-CR-2921] p0007 N78-10701  
Manual control in target tracking tasks as a function of control type task loading and vibration --- aircraft throttle grip under compensatory tracking loads [AD-A043903] p0042 N78-12671  
An investigation of possible correlations between individual pilot performance and neurological functions [AD-A045372] p0045 N78-13739  
Models for interrupted monitoring of a stochastic process [NASA-TM-78453] p0066 N78-15690  
Objective methods for developing indices of pilot workload [AD-A044556/9] p0067 N78-15695  
Studies on Pilot Workload --- psychophysiological factors [AGARD-CP-217] p0090 N78-16621  
Workload and operational fatigue in helicopter pilots p0090 N78-16622  
In-flight recording of helicopter pilot activity --- head and hand movements p0090 N78-16624  
The assessment of rotary wing aviator precision performance during extended helicopter flights p0090 N78-16625

A study on pilot's workload in helicopter operation under simulated IMC employing a forward looking sensor p0091 N78-16627  
Methods to assess pilot workload and other temporal indicators of pilot performance effectiveness --- during aircraft carrier landings p0091 N78-16630  
Subjective ratings of flying qualities and pilot workload in the operation of a short haul jet transport aircraft --- Yak 40 aircraft p0091 N78-16631  
Subjective stress assessment as a criterion for measuring the psychophysical workload on pilots p0091 N78-16632  
Methods of studying inflight pilot performance p0124 N78-19757  
Windshield quality and pilot performance [AD-A048457] p0127 N78-19774  
Image of flight article discussed --- spatial orientation perception by flight crews flight training p0182 N78-22732  
Validation of a model of a human pilot p0245 N78-28050  
Measuring pilot proficiency on an instrument training maneuver [AD-A050972] p0255 N78-29755  
A multiparameter time domain averaging model of the human operator [AD-A054676] p0256 N78-29758  
Pilot workload analysis based upon in-flight physiological measurements and task analysis methods [NLR-HP-76001-U] p0256 N78-29762  
Human control and monitoring-models and experiments [NLR-HP-76015-U] p0256 N78-29763  
Visual workload of the copilot/navigator during terrain flight [AD-A055038] p0286 N78-31742  
Methods to assess work load [AGARD-CP-216] p0286 N78-31745  
Methodological considerations of visual workloads of helicopter pilots --- eye movement measurements p0286 N78-31747  
Use of eye-movement measures to establish design parameters for helicopter instrument panels p0286 N78-31748  
Auditory communication and workload --- human response time measurements to voice communication p0287 N78-31749  
Pitch and formant analysis of the voice in the investigation of pilot workshop p0287 N78-31750  
Use of Inspiratory Minute Volumes in evaluation of rotary and fixed wing pilot workload --- respiratory response to flight conditions p0287 N78-31754  
Psychophysiological distinctions of pilot performance during brief exposure to intensive photic stimuli p0306 N78-32678  
Three reports relevant to stress in aviation personnel [AD-A051690] p0308 N78-32699  
Development of the aviation stress protocol: Simulation and performance, physiological, and biochemical monitoring systems, phase 1 p0309 N78-32700  
Cardiorespiratory assessment of decongestant-antihistamine effects on altitude, Gz, and fatigue tolerances --- pilot performance [AD-A055089] p0310 N78-32707  
Adaptation of time line analysis program to single pilot instrument flight research [NASA-TM-78748] p0317 N78-33731  
Prediction, evaluation, and specification of closed loop and multi-axis flying qualities [AD-A056983] p0317 N78-33736  
Visual performance/workload of helicopter pilots during instrument flight [AD-A055424] p0318 N78-33738  
PILOT SELECTION  
Ten-year experience with abnormal EEGs in asymptomatic adult males p0158 A78-35112  
Heterophoria - Its influence on stereopsis and the importance of cycloplegia in refraction testing

# SUBJECT INDEX

# PLANETARY ATMOSPHERES

- of pilot applicants p0158 A78-35113
- Use of EEG in selecting candidates for flight schools p0235 A78-43698
- Selection strategy and psychological tests for aptitude investigation of applicants for pilot training at the Deutsche Lufthansa [DLR-IB-355-76/04] p0046 N78-13744
- Cosmonauts undergo medical ground training p0238 N78-28040
- Color vision in aviation p0248 N78-28794
- Space biology and aerospace medicine, no. 4 [JPBS-71830] p0305 N78-32672
- Polish cosmonaut selection process described p0312 N78-33033
- PILOT TRAINING**
- Effect of a psychostimulant on the behavior of pilot trainees during training in a flight simulator p0059 A78-20556
- Problems raised by the discovery of a papillary edema in a pilot trainee p0060 A78-20560
- Psychogenic G-force intolerance revisited p0079 A78-21747
- Effects of ground trainer use on the anxiety of students in private pilot training p0101 A78-26736
- Automated instructional system for advanced simulation in undergraduate pilot training /ASUPT/ p0199 A78-38796
- U.S. coast guard variable cockpit training system - Our first four years with a modern simulator p0199 A78-38797
- The concepts of a proficiency advancement model for basic flight training programs p0220 A78-43040
- The analysis of aviation training evaluations. V - Factor analysis of flight aptitude test and comparison with the previous report p0238 A78-44349
- Disorientation training in FAA-certificated flight and ground schools - A survey p0241 A78-46406
- Task-specific simulator pretraining and in-flight stress of student pilots p0265 A78-48085
- The effect of helmet loader G-cueing on pilot's simulator performance [AIAA 78-1573] p0290 A78-50654
- Motion - Methods and requirements --- flight training simulators [AIAA 78-1576] p0290 A78-50657
- Computer implemented grading of flight simulator students [AIAA 78-1589] p0291 A78-50665
- Autogenic training in a practical course of summer instruction of student pilots p0296 A78-52275
- Contributions regarding work load measurement and learning behavior in simulated STOL approaches --- German book p0296 A78-52499
- General aviation pilot stall awareness training study [AD-A041310/4] p0008 N78-10705
- Analytical evaluation of two motion washout techniques [NASA-CR-154582] p0014 N78-11712
- Selection strategy and psychological tests for aptitude investigation of applicants for pilot training at the Deutsche Lufthansa [DLR-IB-355-76/04] p0046 N78-13744
- Translations on USSR science and technology: Biomedical and behavioral sciences, no. 18 [JPBS-70395] p0089 N78-16615
- Autogenic training used for self-regulation of cardiovascular function and prevention of neurocirculatory dystonia in pilot candidates p0111 N78-18694
- Disorientation training in FAA-certificated flight and ground schools: A survey [AD-A047718/2] p0126 N78-19768
- Cognitive pretraining: An aid in the transition from instrument flying [AD-A048816] p0126 N78-19770
- Pilot retraining aimed at stress reduction --- in Soviet combat aircraft p0143 N78-20744
- Instructor and student pilots' subjective evaluation of a general aviation simulator with a terrain visual system [NASA-TM-78698] p0189 N78-23746
- Alternatives for future undergraduate pilot training [AD-A053374] p0254 N78-29750
- PILOTED CENTRIFUGES**
- U HUMAN CENTRIFUGES**
- PILOTS**
- Assessing pilot workload [AGARD-AG-233] p0122 N78-18770
- PILOTS (PERSONNEL)**
- NT AIRCRAFT PILOTS**
- NT TEST PILOTS**
- Validation of a model of a human pilot p0036 A78-16623
- The cardiovascular fitness of airline pilots - Report of a working party of the Cardiology Committee of the Royal College of Physicians of London p0159 A78-35850
- Analysis of responses of cold pressor tests on pilots and executives [NASA-CR-143847] p0006 N78-10693
- Psychophysiological effects of aging: Developing a functional age index for pilots. 1. A survey of the pertinent literature [AD-A040322/0] p0006 N78-10694
- Altitude tolerance of general aviation pilots with normal or partially impaired spirometric function [AD-A044557] p0040 N78-12656
- Investigation of personality characteristics of flight trainees and professional pilots [DLR-IB-355-76/03] p0046 N78-13743
- Head and neck mobility of pilots measured at the eye [ARC-R/M-3803] p0062 N78-14781
- Sudden loss of consciousness in pilots with low intraocular pressure during exposure to G forces p0117 N78-18737
- Investigation of personality traits of pilots and navigators p0119 N78-18753
- A personal cooling system for helicopter pilots [AD-A047649] p0121 N78-18767
- Instructor and student pilots' subjective evaluation of a general aviation simulator with a terrain visual system [NASA-TM-78698] p0189 N78-23746
- Validation of a model of a human pilot p0245 N78-28050
- PITCH (INCLINATION)**
- The effect of the position of the axis of rotation on the discomfort caused by whole-body roll and pitch vibrations of seated persons p0195 A78-36816
- The effect of rotational vibration in roll and pitch axes on the discomfort of seated subjects p0274 A78-50080
- PITCH ANGLES**
- U PITCH (INCLINATION)**
- PITUITARY GLAND**
- Serotonin involvement in pituitary-adrenal function p0267 A78-48575
- PITUITARY HORMONES**
- NT ADRENOCORTICOTROPIN (ACTH)**
- Increased secretion of growth hormone, prolactin, antidiuretic hormone, and cortisol induced by the stress of motion sickness p0079 A78-21741
- Effects of high altitude on plasma concentrations of testosterone and pituitary gonadotropins in man p0100 A78-26727
- PLANE WAVES**
- A finite element technique for calculating induced internal fields and power deposition in biological media of complex irregular geometry exposed to plane wave electromagnetic radiation p0167 N78-22604
- Comparison of calculated absorbed dose rate distributions in phantom heads exposed to 2450 MHz and 915 MHz plane wave and slot sources p0167 N78-22605
- PLANETARY ATMOSPHERES**
- NT JUPITER ATMOSPHERE**
- NT MARS ATMOSPHERE**

# PLANETARY COMPOSITION

# SUBJECT INDEX

## PLANETARY COMPOSITION

- Volcanism and soil mercury on Mars - Consequences for terrestrial microorganisms p0269 A78-48670
- Search for life on Mars --- Viking Mars program p0182 N78-22734

## PLANETARY ENVIRONMENTS

- NT JUPITER ATMOSPHERE
- NT MARS ATMOSPHERE
- NT MARS ENVIRONMENT
- Some general principles of planetary quarantine leading to an assessment of the limitations to growth of micro-organisms on Uranus and Neptune p0028 A78-15188
- Growth of fungi in NaCl-MgSO4 brines p0268 A78-48653
- Response of terrestrial microorganisms to a simulated Martian environment p0301 A78-53624
- Publications of the planetary biology program for 1976: A special bibliography [NASA-TM-75017] p0210 N78-25773

## PLANETARY EXPLORATION

### U SPACE EXPLORATION

## PLANETARY QUARANTINE

- Some general principles of planetary quarantine leading to an assessment of the limitations to growth of micro-organisms on Uranus and Neptune p0028 A78-15188
- Dry-heat resistance of selected psychrophiles --- Viking lander in spacecraft sterilization p0105 A78-27897

## PLANETARY SURFACES

### NT MARS SURFACE

## PLANETARY TEMPERATURE

- A critical evaluation of the application of amino acid racemization to geochronology and geothermometry p0026 A78-14682

## PLANETS

- NT MARS (PLANET)
- NT NEPTUNE (PLANET)
- NT URANUS (PLANET)

## PLANIGRAPHY

### U TOMOGRAPHY

## PLANKTON

- Phytoplankton sampling in quantitative baseline and monitoring programs [PB-279644/9] p0252 N78-29733
- Distribution of phytoplankton in Tennessee lakes [PB-280139/7] p0276 N78-30803
- Distribution of phytoplankton in Ohio lakes [PB-280140/5] p0276 N78-30804

## PLANKTON BLOOM

### U PLANKTON

## PLANNING

- NT AIRPORT PLANNING
- NT MANAGEMENT PLANNING
- NT MISSION PLANNING
- NT PROJECT PLANNING
- Needs of the transportation community: Present and near future p0014 N78-11707
- Ride quality research techniques: Section on general techniques p0014 N78-11708

## PLANT ROOTS

- Responses of roots to simulated weightlessness on the fast rotating klinostat p0268 A78-48667
- Regions of differential cell elongation and mitosis, and root meristem morphology in different tissues of geotropically stimulated maize root apices p0298 A78-52631
- Ultrastructural aspects of gravity-perceiving cells in cress roots p0172 N78-22648
- Geoperception in lentil roots p0172 N78-22649
- Root georeaction: Gravity effect on hormone balance --- growth inhibiting substances p0173 N78-22650

## PLANTS (BOTANY)

- NT ACTINOMYCETES
- NT ALGAE
- NT BACILLUS
- NT BACTERIA
- NT BLUE GREEN ALGAE

- NT CHLORELLA
- NT CONIFERS
- NT CORN
- NT ESCHERICHIA
- NT FUNGI
- NT NEUROSPORA
- NT NITROBACTER
- NT SEA GRASSES
- NT SPORES
- NT STREPTOMYCETES
- NT TOBACCO
- NT TREES (PLANTS)
- Biological investigations of higher and lower plants aboard Soyuz 19 --- radiation effects on heredity p0028 A78-15190
- Chronic acceleration in plants p0031 A78-15208
- Mutations of sunflower seedlings on tilted clinostats p0031 A78-15209
- Morphogenetic responses of cultured totipotent cells of carrot /Daucus carota var. carota/ at zero gravity p0135 A78-30296
- Concerning the modeling of the critical periods of plant ontogenesis as transient processes in the organism p0214 A78-41016
- Effects of simulated hypogravity on respiration and photosynthesis of higher plants p0269 A78-48680
- Simulation of circumnutations - Behaviour under different g's --- of plants p0269 A78-48684
- Is gravity a morphological determinant in plants at the cellular level p0269 A78-48699
- Present status of the problem concerning the detection of gravity by plants p0292 A78-50998
- Investigation of concomitant microflora in prolonged substrate-free cultivation of beet plants p0116 N78-18729
- Circumnutation and gravity p0172 N78-22646
- Testing the mechanism of gravity sensing in plants p0172 N78-22647
- Electromagnetic field effects on growth and of plants p0187 N78-23732
- Plants for space plantations --- crops for closed life support systems [NASA-TM-75314] p0227 N78-27734
- Evaluation of several methods of establishing plant cover by seeding on the roadside [PB-278275/3] p0228 N78-27739
- Neutralization of organic substances in waste water by plants p0251 N78-29728
- Effects of altered gravity on viscosity of cytoplasm and protein content of plant cells p0307 N78-32691
- PLASMOLYSIS
- The activation of human plasminogen by urokinase p0086 N78-16594
- PLASTIC FILMS
- U POLYMERIC FILMS
- PLASTIC MATERIALS
- U PLASTICS
- PLASTICS
- NT POLYVINYL CHLORIDE
- NT SYNTHETIC RESINS
- Optimization of the material for construction of the new protective mask [AD-A053331] p0209 N78-25769
- PLASTISOLS
- NT SMOKE
- PLATELETS
- The interaction of thrombin and platelets p0229 N78-27746
- PLATFORMS
- Platform motion for fighter simulations --- flight training simulators [ATAA 78-1574] p0290 A78-50655
- PLATA LAKES
- U LAKES

## PLETHYSMOGRAPHY

Lung volumes in man immersed to the neck -  
Dilation and plethysmographic techniques  
p0192 A78-36603

Cardiovascular responses to the simulated diving  
in man and rat  
p0216 A78-41528

Electric impedance and mechanical recording,  
cardiovascular investigative methods in air  
medicine  
p0257 A78-46951

## PLSS

U PORTABLE LIFE SUPPORT SYSTEMS

## PLUVIOGRAPHS

U RECORDING INSTRUMENTS

## PNEUMATIC CONTROL

Pneumatic inflatable end effector  
[NASA-CASE-MFS-23696-1] p0312 N78-32724

## PNEUMATIC EQUIPMENT

Pneumatic inflatable end effector  
[NASA-CASE-MFS-23696-1] p0312 N78-32724

## PNEUMATIC RESET

U PNEUMATIC CONTROL

## POIKILOTHEMIA

NT FROGS

## POISONS

NT INSECTICIDES

## POISSON PROCESS

U STOCHASTIC PROCESSORS

## POLAND

Polish cosmonaut selection process described  
p0312 N78-33033

## POLAR REGIONS

NT ANTARCTIC REGIONS

NT ARCTIC REGIONS

## POLARIZED ELECTROMAGNETIC RADIATION

NT POLARIZED LIGHT

## POLARIZED LIGHT

Monocular and binocular brightness of  
monochromatic lights  
p0006 N78-10690

## POLARIZED RADIATION

NT POLARIZED LIGHT

## POLAROGRAPHY

U POLAROGRAPHY

## POLAROGRAPHY

Oxygen electrode design criteria and performance  
characteristics - Recessed cathode --- for  
tissue oxygen tension measurement  
p0236 A78-43794

Application to animals and humans of a continuous  
monitoring oxygen system  
[PB-276448/8] p0180 N78-22712

## POLLUTANTS

U CONTAMINANTS

## POLLUTION

NT AIR POLLUTION

NT NOISE POLLUTION

NT WATER POLLUTION

## POLLUTION CONTROL

Translations on USSR science and technology:  
Biomedical and behavioral sciences, no. 20  
[JPRS-70486] p0089 N78-16616

Water system microbial check valve development  
[NASA-CF-151678] p0181 N78-22719

## POLLUTION MONITORING

A controlled bioassay system for measuring  
toxicity of heavy metals  
[PB-276973/6] p0005 N78-10685

Method and apparatus for continuous measurement of  
bacterial content of aqueous samples  
[NASA-CASE-MSC-16779-1] p0165 N78-22586

Water quality monitoring system  
[NASA-CASE-MSC-16778-1] p0165 N78-22589

Microbiological quality and epidemiological  
aspects of reclaimed water  
p0207 N78-25749

Phytoplankton sampling in quantitative baseline  
and monitoring programs  
[PB-279644/9] p0252 N78-29733

Biological water quality monitoring using  
chemiluminescent and bioluminescent techniques  
[NASA-CR-156830] p0313 N78-33702

## POLYCARBONATES

Reproducibility of toxicity test data as a  
function of mouse strain, animal lot, and operator  
--- for bisphenol A polycarbonate  
p0191 A78-36599

## POLYCYTHEMIA

Some indices of oxygen exchange and resistance of  
rats to acute hypoxia during posttransfusion  
polycythemia  
p0302 A78-53788

## POLYMER PHYSICS

Occupational exposure to decomposition products of  
fluorocarbon polymers. Criteria for a  
recommended standard  
[DHEW/PUB/NIOSH-77/193] p0204 N78-24788

## POLYMERIC FILMS

Antifouling activity of phytotoxic compounds and  
experimental polymeric algicides  
[NRI-R-698] p0148 N78-21747

## POLYMERIZATION

The evolution of the protein synthesis system. I -  
A model of a primitive protein synthesis system  
p0056 A78-19363

Translations on USSR science and technology:  
Biomedical and behavioral sciences, no. 20  
[JPRS-70486] p0089 N78-16616

## POLYSACCHARIDES

NT GLYCOGENS

Mucopolysaccharides and collagen of tissues in  
hypokinetic rats  
p0115 N78-18723

## POLYVINYL CHLORIDE

Toxicity of vinyl chloride. A bibliography with  
abstracts  
[NTIS/PS-78/0442/0] p0225 N78-26730

## PONDS

Physico-chemical treatment of pond effluents for  
unrestricted agricultural reuse with recovery of  
algae as protein source: Pilot and field scale  
experiments  
p0207 N78-25750

## POPULATIONS

Radiological quality of the environment in the  
United States, 1977  
[PB-274229/4] p0114 N78-18710

## PORPHYRINS

Porphyrins and phycobilins in Precambrian rocks  
--- for chemical evolution  
p0138 A78-31382

Abiogenic synthesis of molecular complexes from  
amino acids and porphyrins discussed in  
reference to the problem of prebiological  
evolution  
p0154 A78-33895

Method and apparatus for eliminating luminol  
interference material  
[NASA-CASE-MSC-16260-1] p0109 N78-18674

Research and development of a luminol-carbon  
monoxide flow system  
[NASA-CR-156832] p0305 N78-32671

## PORTABLE EQUIPMENT

Portable heart rate recorder with PLL circuit ---  
Phase Locked Loop  
p0196 A78-37235

Mobile small simulator for tracking and  
multitasking tests  
[DLR-IB-355-75/06] p0016 N78-11723

A variant of portable single-channel  
biotelemetry system  
p0280 N78-31702

## PORTABLE LIFE SUPPORT SYSTEMS

Development of a prototype regeneration carbon  
dioxide absorber --- for use in EVA conditions  
[NASA-CR-152063] p0147 N78-20773

## POSITION (LOCATION)

Saccadic eye movements and localization of visual  
stimuli  
p0299 A78-53083

## POSITION INDICATORS

A regression approach to generate aircraft  
predictor information  
p0054 A78-18822

## POSITIONING

Influence of location of indicators on  
psychophysiological distinctions of combined  
activity --- positioning display devices and  
flight instruments  
p0184 N78-23716

## POSITIONING DEVICES (MACHINERY)

NT BOOMS (EQUIPMENT)

## POSITRONS

New imaging systems in nuclear medicine  
[COO-3333-30] p0124 N78-19754

## POSTFLIGHT ANALYSIS

## SUBJECT INDEX

- Design and construction of the Donner 280-crystal positron ring for dynamic transverse section emission imaging  
[LBL-5679] p0283 N78-31721
- POSTFLIGHT ANALYSIS**
- Postural equilibrium following exposure to weightless space flight p0035 A78-16014
- Peculiar characteristics of crewmembers' metabolism on the second expedition aboard orbital station Salyut-4 p0265 A78-48080
- The mechanisms of development of morphological changes in mammals on biosatellites p0291 A78-50997
- Inhibition of bone formation during space flight p0292 A78-51225
- Medical support of the immediate postflight period following long space missions p0118 N78-18741
- POSTURE**
- P-R interval in relation to heart rate during exercise and the influence of posture and autonomic tone p0004 A78-12475
- The problem of self-regulation of posture --- vertical posture maintenance tests p0023 A78-13598
- Postural equilibrium following exposure to weightless space flight p0035 A78-16014
- Postural effects on the noninvasive baselines of ventricular performance p0055 A78-19131
- Alterations of postural and Valsalva responses in coronary heart disease p0055 A78-19146
- Investigation of the regulation system for vertical posture by means of vibrational stimulation of muscle spindles p0071 A78-21178
- Effect of force environment on regional pulmonary displacements and volumes in dogs p0103 A78-26924
- Some influences of touch and pressure cues on human spatial orientation p0161 A78-36157
- Functional system of antigravity and modeling of physiological effects of decreased gravity p0199 A78-38755
- Significance of supraspinal mechanisms in adaptive responses of the cardiovascular system during postural change p0218 A78-42661
- Influence of posture on isometric fatigue p0258 A78-47207
- Plasma volume changes with movement to supine and standing positions p0297 A78-52541
- A study of physiologically motivated mathematical models for human postural control p0040 N78-12655
- Evaluation of postural mechanisms under dynamic conditions [NASA-CR-151638] p0112 N78-18700
- The lumbosacral segment as a vulnerable region in various postures [NASA-TN-75579] p0314 N78-33713
- POTABLE LIQUIDS**
- NT POTABLE WATER**
- POTABLE WATER**
- Iodine generator for reclaimed water purification [NASA-CASE-MSC-14632-1] p0062 N78-14784
- Experimental substantiation of maximum permissible concentrations of acetone and acetaldehyde in reclaimed potable water p0185 N78-23722
- POTASSIUM**
- Effects of acute hyperkalemia on cardiac excitability p0034 A78-15955
- Cortisol-mediated synchronization of circadian rhythm in urinary potassium excretion p0049 A78-17646
- Influence of local decompression on serum sodium and potassium contents in athletes during exercise on a wrist ergograph p0129 A78-28493
- Changes of closely related enzymes and minerals to neuro-muscular systems of albino rats, during prolonged exposure to simulated hypogravics p0268 A78-48645
- Measurements of potassium changes in the cat carotid body under hypoxia and hypercapnia p0272 A78-49299
- Electrolyte content of the myocardium, skeletal muscles and blood of rats during prolonged hypokinesia and readaption p0308 N78-32692
- The correlation of sodium and potassium metabolism with the level of energy consumption in man during adaptation to heat [NASA-TN-75331] p0309 N78-32704
- POTASSIUM CHLORIDES**
- Kaliuretic renal function in man as related to different degrees of exercise during bedrest p0305 N78-32675
- POTASSIUM COMPOUNDS**
- NT POTASSIUM CHLORIDES**
- POTATOES**
- Plants for space plantations --- crops for closed life support systems [NASA-TN-75314] p0227 N78-27734
- POTENTIAL ENERGY**
- NT BIOELECTRIC POTENTIAL**
- NT ELECTRIC POTENTIAL**
- NT IONIZATION POTENTIALS**
- POWER LINES**
- Some biological effects of high intensity, low frequency /60 Hz/ electric fields on small birds and mammals p0199 A78-39117
- Evaluation of hygienic significance of electric field of power lines in populated areas p0187 N78-23731
- Possibility of attenuating the ecological effects of alternating current power lines as a result of new designs and circuit changes p0281 N78-31708
- POWER SERIES**
- NT TAYLOR SERIES**
- PREAMPLIFIERS**
- Several factors of designing multi-channel ECG pre-amplifier for human centrifuge experiment and performance of tentatively manufactured equipment p0238 A78-44350
- PRECAMBRIAN PERIOD**
- The evolution of the earliest cells p0260 A78-47846
- PREDICTION ANALYSIS TECHNIQUES**
- On the possibility of predicting the frequency of electrical stimulation which would cause the onset of the regular rhythm of extended action potentials p0105 A78-27712
- Predictions of thermal transients and thermal damage resulting from laser irradiation of tissue p0199 A78-38787
- Prediction of motion sickness incidence: A statistical examination of three approaches [AD-A044060] p0042 N78-12674
- Hearing hazard from occupational noise: Observations on a population from heavy industry [NPL-AC-80] p0188 N78-23744
- PREDICTION RECORDING**
- A regression approach to generate aircraft predictor information p0054 A78-18822
- PREDICTIONS**
- NT IMPACT PREDICTION**
- NT PERFORMANCE PREDICTION**
- Development of prediction models for effort levels in manual jobs p0226 N78-26739
- PREDICTORS**
- U PREDICTIONS**
- PREGNANCY**
- Embryonic implantation, dietary intake, and plasma GH concentration in pregnant mice exposed to hypoxia p0157 A78-35104
- The effect of repetitive prenatal low-level microwave exposure on development in the rat p0168 N78-22610
- PRESBYOPIA**
- Refractive error characteristics of early and

# SUBJECT INDEX

# PROBABILITY DENSITY FUNCTIONS

- advanced presbyoptic individuals  
[AD-A044555/1] p0065 N78-15684
- PRESSELECTORS
- U PREAMPLIFIERS
- PRESSURE
- NT ATMOSPHERIC PRESSURE
- NT BLOOD PRESSURE
- NT DIASTOLIC PRESSURE
- NT GAS PRESSURE
- NT HIGH PRESSURE
- NT HIGH VACUUM
- NT HYPERTENSION
- NT HYPOXEMIA
- NT INTRACRANIAL PRESSURE
- NT INTRAOCULAR PRESSURE
- NT LOW PRESSURE
- NT LUMINANCE
- NT LUMINOUS INTENSITY
- NT MIDDLE EAR PRESSURE
- NT OXYGEN TENSION
- NT PARTIAL PRESSURE
- NT SOUND PRESSURE
- NT STATIC PRESSURE
- NT SYSTOLIC PRESSURE
- NT WALL PRESSURE
- NT WIND PRESSURE
- PRESSURE BREATHING
- Intracardial gas bubbles at altitude after  
negative pressure breathing p0017 A78-13264
- Protection against the physiological effects of  
positive pressure breathing p0160 A78-36151
- Work Capability and physiological effects  
predictive studies. 4: In He-O2 excursions to  
pressures of 400- 800- 1200- and 1600 feet of  
sea water [NASA-CR-157571] p0282 N78-31714
- PRESSURE CABINS
- U PRESSURIZED CABINS
- PRESSURE CHAMBERS
- NT HYPERBARIC CHAMBERS
- PRESSURE DISTRIBUTION
- Distribution of spinal disc pressures in the  
seated posture subjected to impact p0074 A78-21709
- Aerodynamic forces exerted on an articulated human  
body subjected to windblast p0075 A78-21713
- PRESSURE EFFECTS
- Vitamins limiting for growth of subjects fed a  
normal diet under hyperbaric He-O2 conditions p0079 A78-21740
- Low atmospheric pressure effects on wearing soft  
contact lenses p0079 A78-21746
- Influence of low and high pressure baroreceptors  
on plasma renin activity in humans [NASA-CR-155307] p0112 N78-18701
- PRESSURE FIELDS
- U PRESSURE DISTRIBUTION
- PRESSURE GRADIENTS
- Models of the pressure volume relationship of the  
human lung p0140 A78-32041
- PRESSURE MEASUREMENTS
- Transmission of impulse noise to the inner ear in  
the guinea pig by the recording of the  
intracochlear pressure. Evaluation of phenomena  
leading to injuries [ISL-R-103/77] p0148 N78-21749
- Pressure measurements of the wall after  
bifurcations and visual observation of streaming  
fluid in glass models of bifurcations p0179 N78-22699
- Pressure measurements in the cochlea of a guinea pig  
[ISL-CO-206/77] p0183 N78-23707
- PRESSURE PROBES
- U PRESSURE SENSORS
- PRESSURE REDUCTION
- NT EXPLOSIVE DECOMPRESSION
- Intracardial gas bubbles at altitude after  
negative pressure breathing p0017 A78-13264
- Cabin pressurization and explosive decompression  
p0060 A78-20561
- Effects of using long breathing hoses upon mask  
pressure --- during aircraft cabin decompression  
p0100 A78-26730
- Influence of local decompression on serum sodium  
and potassium contents in athletes during  
exercise on a wrist ergograph p0129 A78-28493
- Relationship between onset of  
altitude-decompression disorders in man and  
barometric pressure level during intensive  
physical exercise p0120 N78-18758
- PRESSURE SENSORS
- A silicon absolute pressure transducer for  
biomedical applications p0229 N78-27749
- An evaluation of the fluidic oxygen partial  
pressure sensor [AD-A055362] p0286 N78-31743
- PRESSURE SUITS
- NT SPACE SUITS
- Anti-G suit effect on cardiovascular dynamic  
changes due to +Gz stress p0032 A78-15516
- Explosive decompression of subjects up to a  
20,000-m altitude using a two-pressure flying suit  
p0140 A78-31844
- Walking boot assembly  
[NASA-CASE-ARC-11101-1] p0096 N78-17675
- Medical evaluation of 2-pressure suit used in  
explosive decompressions up to 20,000 m altitude  
[FOA-A-59002-H3] p0256 N78-29761
- PRESSURE TRANSDUCERS
- U PRESSURE SENSORS
- PRESSURIZED CABINS
- Cabin pressurization and explosive decompression  
p0060 A78-20561
- Prevention of hypoxia-acceptable compromises ---  
in high altitude flight p0134 A78-29563
- Evaluation of a spacecraft nitrogen generator  
[NASA-CR-152097] p0189 N78-23748
- PRESSURIZING
- Restraining mechanism [NASA-CASE-MSC-13054] p0097 N78-17677
- PRETESTS
- U TESTS
- PRIMATES
- NT HUMAN BEINGS
- NT MONKEYS
- The use of a primate as an experimental model  
aboard Spacelab p0058 A78-20545
- The use of nonhuman primates in space  
[NASA-CP-005] p0008 N78-11663
- The Orbiting Primate Experiment (OPE) p0009 N78-11666
- Biorhythms and space experiments with nonhuman  
primates p0009 N78-11669
- Veterinary medical considerations for the use of  
nonhuman primates in space research p0009 N78-11671
- Consideration of other primate species as flight  
animals p0010 N78-11679
- Activities of the Radiobiological Institute, the  
Institute for Experimental Gerontology, and the  
Primate Center p0043 N78-13723
- PRIMITIVE EARTH ATMOSPHERE
- The length of the transition period from the  
reducing to the neutral biosphere --- by  
evidence of nitrogen fixation evolution p0026 A78-14681
- Far UV irradiation of model prebiotic atmospheres  
p0056 A78-19367
- Chance and the origin of life --- chemical  
evolution on early earth p0138 A78-31376
- The origin of life. I - The pre-biotic era. II -  
Monomers to polymers p0198 A78-38448
- PRIVATE AIRCRAFT
- U GENERAL AVIATION AIRCRAFT
- PROBABILITY
- U PROBABILITY THEORY
- PROBABILITY DENSITY FUNCTIONS
- Application of the response probability density  
function technique to biodynamic models p0076 A78-21719



# PROBABILITY DISTRIBUTION FUNCTIONS

# SUBJECT INDEX

## PROBABILITY DISTRIBUTION FUNCTIONS

Estimation of the operating characteristics of item response categories 4: Comparison of the different methods  
[AD-A057161] p0317 N78-33735

**PROBABILITY THEORY**  
Aviation ergonomics: Probability methods --- Russian book p0243 A78-46573

**PROBLEM SOLVING**  
Human problem solving performance in a fault diagnosis task p0153 A78-32673  
Methodological approach to the analysis of the 'semantic' information in the human EEG p0219 A78-42669

**PROCEDURES**  
NT FINITE ELEMENT METHOD  
NT OPTICAL CORRECTION PROCEDURE

**PRODUCT DEVELOPMENT**  
Biological effects of low levels of radiation exposure --- from consumer products [UR-3490-1072] p0146 N78-20768

**PRODUCTION ENGINEERING**  
Market study phase 2 follow-up activity. The Baylor Mark 3 Haploscope [NASA-CR-156141] p0145 N78-20758

**PRODUCTION METHODS**  
U PRODUCTION ENGINEERING

**PROGRAM MANAGEMENT**  
U PROJECT MANAGEMENT

**PROGRAMMED INSTRUCTION**  
NT COMPUTER ASSISTED INSTRUCTION

**PROGRAMS**  
NT APOLLO PROJECT  
NT APOLLO SOYUZ TEST PROJECT  
NT EUROPEAN SPACE PROGRAMS  
NT NASA PROGRAMS  
NT PROJECT SETI  
NT SKYLAB PROGRAM  
NT TERMINAL CONFIGURED VEHICLE PROGRAM  
NT U.S.S.R. SPACE PROGRAM  
US Navy fleet aviation training program development [AD-A055788] p0284 N78-31734

**PROJECT MANAGEMENT**  
Radar training facility program implementation plan [AD-A050319/3] p0189 N78-23747  
SMD 3 post test medical report [NASA-TN-79750] p0275 N78-30799

**PROJECT PLANNING**  
Accomplishments in ride quality research: Present and near future p0014 N78-11706

**PROJECT SETI**  
The search for extraterrestrial intelligence (SETI) [NASA-SP-419] p0122 N78-18771

**PROJECTS**  
NT APOLLO PROJECT  
NT APOLLO SOYUZ TEST PROJECT  
NT PROJECT SETI

**PROLATE SPHEROIDS**  
Electromagnetic power deposition in prolate spheroid models of man and animals at resonance p0032 A78-15225

**PROMETHAZINE**  
Endogenous histamine and promethazine-induced gastric ulcers in the guinea pig [NASA-TN-75341] p0305 N78-32668

**PROPELLANT TESTS**  
Occupational hazards of missile operations with special regard to the hydrazine propellants p0140 A78-31843

**PROPHYLLAXIS**  
Changes in protein metabolism during prolonged hypokinesia p0154 A78-33467

**PROPRIOCEPTION**  
NT AUTOKINESIS  
Proprioceptive information about target location suppresses autokinesis p0025 A78-14419  
The angle of visual roll motion determines displacement of subjective visual vertical p0056 A78-19975  
Investigation of the regulation system for vertical posture by means of vibrational stimulation of muscle spindles p0071 A78 21178

Sensory components of bite-force response in the rat p0294 A78-51875

## PROPULSION

### NT MAN OPERATED PROPULSION SYSTEMS PROSTHETIC DEVICES

Research and technology in the health field p0050 A78-18514  
Mechanical energy storage device for hip disarticulation [NASA-CASE-ARC-10916-1] p0005 N78-10686  
Drop foot corrective device [NASA-CASE-LAR-12259-1] p0121 N78-18762  
A new method for determining the active force system in lower limbs during human locomotion p0179 N78-22702  
A prosthesis coupling [NASA-CASE-KSC-11069-1] p0181 N78-22721

## PROTECTION

NT ENVIRONMENT PROTECTION  
NT EYE PROTECTION  
NT RADIATION PROTECTION  
NT SOLAR RADIATION SHIELDING  
NT THERMAL PROTECTION  
The helmet protects the aviator's head - or does it [AD-AC48574] p0121 N78-18766  
Optimization of the material for construction of the new protective mask [AD-A053331] p0209 N78-25769

## PROTECTIVE CLOTHING

NT HELMETS  
NT PRESSURE SUITS  
NT SPACE SUITS  
Effect of clothing insulation beneath an immersion coverall on the rate of body cooling in cold water p0133 A78-29560  
Protection against the physiological effects of positive pressure breathing p0160 A78-36151  
Operational characteristics of liquid-conditioned suits p0242 A78-46415  
Metabolic and thermal responses of men wearing cold-protective clothing to various degrees of cold stress p0272 A78-49298  
Development of a fire protective overgarment for use by air carrier flight attendants [AD-A042329/3] p0013 N78-11703  
The effects of layers of cold weather clothing and type of liner on the psychomotor performance of men [AD-A043835] p0015 N78-11719  
A human factors evaluation of an experimental reversible extreme cold weather clothing ensemble [AD-A046620] p0067 N78-15696  
Protective garment ventilation system [NASA-CASE-XHS-04928] p0097 N78-17679  
Standard specification for the production of men's derby type safety boots (sewn, riveted, screwed, and stitched) [SABS-437-1977] p0205 N78-24795  
Standard specification for the production of men's protective shoes with stuck-on pre-moulded unit soles and heels [SABS-1167-1977] p0208 N78-25764  
Standard specification for the production of men's protective shoes with direct vulcanized soles and heels [SABS-1168-1977] p0208 N78-25765  
Protective clothing. Part 1: Arctic and tropical environments. A bibliography with abstracts [NTIS/PS-78/0371/1] p0250 N78-28812  
Protective clothing. Part 2: Fire and radiation environments. A bibliography with abstracts [NTIS/PS-78/0372/9] p0250 N78-28813  
Protective clothing. Part 3: Survival, aircraft, and combat environments. A bibliography with abstracts [NTIS/PS-78/0373/7] p0251 N78-28814  
Protective clothing. Part 4: Industrial environments. A bibliography with abstracts [NTIS/PS-78/0374/5] p0251 N78-28815  
Study of reactive materials for development of new protective clothing concepts [AD-A054877] p0279 N78-30826  
Anthropometry: Basic studies and applications, volume 2. A bibliography with abstracts [NTIS/PS-78/0866/0] p0316 N78-33726

## PROTECTIVE COATINGS

Development of a synthetic polymer burn covering  
[AD-A042459] p0095 N78-17667

## PROTECTORS

NT EAR PROTECTORS

## PROTEIN METABOLISM

NT LIPID METABOLISM

Changes in protein metabolism during prolonged hypokinesia p0154 A78-33467

Carbohydrate, lipid, and amino acid metabolism following physical exercise in man p0236 A78-43793

The rate of synthesis and decomposition of tissue proteins in hypokinesia and increased muscular activity [NASA-TN-75203] p0123 N78-19751

Effect of prolonged weightlessness on metabolism of proteins in red and white skeletal muscles of rats p0175 N78-22671

On the possible role of lysosomal proteinases in the biological effects of accelerations p0307 N78-32685

Effects of altered gravity on viscosity of cytoplasm and protein content of plant cells p0307 N78-32691

## PROTEINOIDS

Compartmentalization in proteinoid microspheres p0035 A78-16015

## PROTEINS

NT ADENINES

NT ADENOSINE TRIPHOSPHATE

NT ADENOSINES

NT CARBOXYHEMOGLOBIN

NT FIBRIN

NT FIBRINOGEN

NT GLOBULINS

NT GLUTATHIONE

NT LIPOPROTEINS

NT NUCLEOTIDES

NT OXIDASE

NT PEPTIDES

NT PROTEINOIDS

NT PYRIDINE NUCLEOTIDES

NT THROMBIN

Method for the determination of protein evolution rates by amino acid composition - Evolution rate of actins p0026 A78-14683

On the cysteine and cystine content of proteins - Differences between intracellular and extracellular proteins p0049 A78-17854

The evolution of the protein synthesis system. I - A model of a primitive protein synthesis system p0056 A78-19363

Polymers to living cells - Molecules against entropy p0198 A78-38449

Amino acid-directed nucleic acid synthesis - A possible mechanism in the origin of life p0219 A78-42845

Codons and nearest-neighbor nucleotide pairs in mammalian messenger RNA p0219 A78-42846

Effect of intermittent high altitude hypoxia on the synthesis of collagenous and non-collagenous proteins of the right and left ventricular myocardium p0235 A78-43747

A measure of the denseness of a phylogenetic network --- by sequenced proteins from extant species p0260 A78-47890

Influence of low and high pressure baroreceptors on plasma renin activity in humans [NASA-CR-155307] p0112 N78-18701

Effect of prolonged space flight on protein biosynthesis in various rat organs and tissues p0118 N78-18743

Cytochemical studies of proteins and RNA in individual spinal cord motoneurons and spinal ganglia neurons of rats following a space flight p0118 N78-18744

Motor activity and prevention of consequences of hypokinesia (on the basis of indices of tissular metabolism) --- DNA RNA and protein content p0185 N78-23720

Physico-chemical treatment of pond effluents for unrestricted agricultural reuse with recovery of algae as protein source: Pilot and field scale experiments p0207 N78-25750

Interfacial biophysics of materials in contact with blood [PB-277928/8] p0225 N78-26732

The 70 S monosome accumulation and in vitro initiation complex formation by Escherichia coli ribosomes at 5 C [NASA-CR-157591] p0279 N78-31691

## PROTONS

Hemopoiesis in dogs exposed to lethal doses of protons with shielded bone marrow p0116 N78-18728

Cataractogenic effect of 25 and 50 Mev protons p0119 N78-18751

## PROTOTYPES

A prototype system for automated interpretation of vectorcardiograms p0083 A78-23881

## PRUSSIC ACID

U-HYDROCYANIC ACID

## PSEUDONOISE

Spectral analysis of auditory evoked potentials with pseudorandom noise excitation p0177 N78-22688

## PSYCHIATRY

NT SOCIAL PSYCHIATRY

The place of psychology and psychiatry in the medical evaluation of navigation personnel in civil aviation - Methodological and practical aspects p0058 A78-20546

Interrelation of psychosomatic troubles and psychoneurotic troubles in aeronautics p0258 A78-46958

## PSYCHOACOUSTICS

Signal detection in psychoacoustics p0003 A78-12000

Adaptation to delayed auditory feedback p0036 A78-16825

Application of commercially available filter components for psychoacoustic testing p0273 A78-49898

Detection of an octave band of noise as a function of stimulus presentation [AD-A053756] p0231 N78-27760

## PSYCHOLOGICAL EFFECTS

NT ILLUSIONS

NT OCULOGRAPHIC ILLUSIONS

NT OPTICAL ILLUSION

Behavior and the mind --- psychological factors influencing military pilot performance p0020 A78-13518

Active rest in prolonged spaceflights as a psychological problem p0022 A78-13593

Neuropsychological approach to the problem of brain control of the mnemonic function p0052 A78-18533

Consequences of noise on the organism - Consideration of the present state of the question p0138 A78-31801

Physiological and psychological effects of heat stress simulating cockpit conditions p0160 A78-36153

Annoyance by aircraft noise and fear of overflying aircraft in relation to attitudes toward the environment and community p0196 A78-37535

Sensory deprivation as a problem of prolonged space flights p0259 A78-47484

Information processing under emotionally saturated conditions of activity p0261 A78-47957

Suggestibility and characterological features of personality p0262 A78-47961

Clinical and biochemical aspects of human adaptation to central Antarctica as applied to problems of space biology and medicine p0118 N78-18746

Translations on USSR science and technology: Biomedical and behavioral sciences [JPRS-70876] p0143 N78-20742

## PSYCHOLOGICAL FACTORS

Phobic syndromes and in-flight errors: Their relation to predisposing or determining

# PSYCHOLOGICAL INDEXES

# SUBJECT INDEX

psychological factors - Clinical studies  
 A psychological factor in the optimization of operator function during monotonous tracking  
 Means for optimization of group interaction under conditions of prolonged isolation  
 Dependence of the estimation of human state on the personal characteristics of the estimator  
 Sequential expectancy in visual search  
 Psychogenic G-force intolerance revisited  
 Isolation and confinement - Considerations for colonization [AAS 77-245]  
 Engineering-psychological analysis of information display systems  
 Psychological state of the operator and visual evaluation of lunar relief  
 Sensory deprivation and social isolation as problems of space psychology - Interpretation of Antarctic and laboratory data  
 Autogenic training in a practical course of summer instruction of student pilots  
 Translations on USSR science and technology: Biomedical and behavioral sciences, no. 18 [JPRS-70395]  
 Subjective ratings of flying qualities and pilot workload in the operation of a short haul jet transport aircraft --- Yak 40 aircraft  
 Subjective stress assessment as a criterion for measuring the psychophysical workload on pilots  
 Principles of engineering psychology involved in optimizing control systems of aircraft and spacecraft --- avionics, display devices and psychological factors  
 The psychological significance of the electroencephalogram [IZP-1977-6]  
**PSYCHOLOGICAL INDEXES**  
**U PSYCHOLOGICAL TESTS**  
**PSYCHOLOGICAL TESTS**  
 Application of factor analysis to electroencephalogram  
 A contribution to the study of mental confabulation and a general hypothesis on the functioning of logical and critical processes  
 Perceptual and intellectual activities in tachistoscopic vision - Comparisons with the same activities during normal conditions, and theoretical considerations  
 Problems and prospects for aviation psychology  
 Personality characteristics of pilots on EPPS, MP I and DOSEPU test. I  
 Roles of psychologic stress and autonomic nervous system changes in provocation of ventricular premature complexes  
 Binocular interactions during establishment of McCollough effects --- color aftereffects  
 Activities of the Department of Aviation Psychology concerning the consultancy contract with the Deutsche Lufthansa AG [DLR-IB-355-75/01]  
 Psychological aptitude test of aviation personnel from Malawi [DLR-IB-355-75/03]  
 Relation between pulse rate during the complex coordination test and several psychological measures of effort and stress [DLR-IB-355-75/04]  
 Constraining nonmetric multidimensional scaling configurations

[AD-A045800]  
 Research activities of the DFVLR Department of Aviation Psychology concerning the consultancy contract of the Deutsche Lufthansa AG [DLR-IB-355-76/01]  
 Psychological selection of applicants for a flying career [DLR-IB-355-76/02]  
 Selection strategy and psychological tests for aptitude investigation of applicants for pilot training at the Deutsche Lufthansa [DLR-IB-355-76/04]  
 Psychological selection of application for flight mechanic training [DLR-IB-355-77/03]  
 Stability of characteristics of alternate forms of a test battery [PB-280958/0]  
 The relationship of predevelopmental 150 training with noncompetitively selected air traffic control trainees to FAA Academy success [AD-A055009]  
 Estimation of the operating characteristics of item response categories 4: Comparison of the different methods [AD-A057161]  
**PSYCHOLOGY**  
**NT COGNITIVE PSYCHOLOGY**  
**NT MILITARY PSYCHOLOGY**  
**NT PSYCHOACOUSTICS**  
**NT PSYCHOPHYSICS**  
 The place of psychology and psychiatry in the medical evaluation of navigation personnel in civil aviation - Methodological and practical aspects  
 Crises of maladaptation in confirmed pilots  
 The rhesus monkey (Macaca mulatta) as a flight candidate  
 A human factors taxonomy [AD-A043723]  
 Some psychoneurological requirements in assessing inflight functional state of cosmonauts  
 Some observations on the human visual perception system and their relevance to computer vision research [PB-277938/7]  
**PSYCHOMOTOR PERFORMANCE**  
**NT PSYCHOSOMATICS**  
 A psychophysiological study of pilot behavior in conditions of combined activity  
 Functional structure and evaluation criteria of instrumental space operations --- cognitive and performance aspects  
 Good and poor tracking performance manifest in error and eye movement phase planes  
 Effects of fixed versus variable reference frequencies on psychophysical judgments of vibration  
 Coding processes in preselected and constrained movements - Effect of vision  
 Visual-vestibular interaction in the control of eye movement  
 Air ions and human performance  
 Effects of hypocapnia on psychomotor and intellectual performance  
 Effects of increased ambient CO2 on brain tissue oxygenation and performance in the hypoxic rhesus  
 Deterioration of human performance resulting from mechanical vibrations  
 Method of investigating perceptual extrapolation  
 Radio telegraphy as a realistic test for investigating an astronaut's activity

- The effect of luminance on human smooth pursuit of  
perifoveal and foveal targets p0295 A78-51952
- The effects of layers of cold weather clothing and  
type of liner on the psychomotor performance of  
men [AD-A043835] p0015 N78-11719
- Effects of lithium carbonate on performance and  
biomedical functions [AD-A044824/1] p0066 N78-15685
- The effect of various augmented visual feedback  
techniques on adult skeletal muscle p0177 N78-22690
- PSYCHOPHYSICS**
- NT PSYCHOACOUSTICS**
- Perseveration effects in detection tasks with  
correlated decision intervals --- applied to  
pilot collision avoidance p0083 A78-23999
- Effects of fixed versus variable reference  
frequencies on psychophysical judgments of  
vibration p0133 A78-29543
- Sustained and transient mechanisms in human vision  
- Temporal and spatial properties p0137 A78-30740
- Subjective motion and acceleration induced by the  
movement of the observer's entire visual field  
p0271 A78-48824
- Sensory components of bite-force response in the rat  
p0294 A78-51875
- Psychophysical studies of the contribution of  
chromatic mechanisms to the visual perception of  
borders 3 p0041 N78-12667
- The psychophysical tuning curve: A parametric study  
p0276 N78-30807
- Quantitative predictions of length in the  
Mueller-Lyer illusion as perceived by the human  
visual system [AD-A055706] p0317 N78-33732
- PSYCHOPHYSIOLOGY**
- NT WORKLOADS (PSYCHOPHYSIOLOGY)**
- Inversion of the sleep wakefulness pattern -  
Effects on circadian variations in  
psychophysiological activation p0019 A78-13476
- EEG diagnosis of operators p0023 A78-13596
- Complex evaluation of the functional state of a  
human operator in control systems p0023 A78-13597
- Psychophysical applications of human  
electroretinography p0035 A78-16077
- Transient visually evoked potential --- in human  
visual cortex p0035 A78-16078
- Scotopic luminosity function and color-mixture data  
--- role of rods in color vision p0035 A78-16081
- Chromatic two-pulse resolution with and without  
luminance transients --- in temporal processing  
of visual stimuli p0035 A78-16082
- Extremely slow bioelectrical processes of the  
human brain in mechanisms of memory modulation  
p0051 A78-18531
- Psychogenic G-force intolerance revisited  
p0079 A78-21747
- Methodological aspects of the physiology of behavior  
p0135 A78-30396
- The theory of a functional system as the  
methodological basis for the neurophysiology of  
behavior p0135 A78-30398
- Study of the work capability of helicopter crews  
during a long stay on warships p0137 A78-30786
- The adjacency principle in visual perception  
p0153 A78-32845
- Selection and training of cosmonauts for flights  
in Soyuz spacecraft p0193 A78-36628
- Methodological approach to the analysis of the  
'semantic' information in the human EEG  
p0219 A78-42669
- Use of EEG in selecting candidates for flight  
schools p0235 A78-43698
- Adaptational fluctuations in the initial state of  
space flight --- astronaut performance p0261 A78-47953
- Pilot training and prognosis of  
psychophysiological conditioning of astronauts  
p0261 A78-47955
- Psychological model of weightlessness in space  
flight simulation p0261 A78-47958
- Emotional state and orthostatic reactions  
p0262 A78-47960
- Radio telegraphy as a realistic test for  
investigating an astronaut's activity p0262 A78-47964
- Psychophysiological characteristics of pilot  
activity during low-altitude flights over the sea  
p0266 A78-48410
- Texture discrimination and Fourier analysis in  
human vision p0303 A78-53865
- Psychophysiological aspects of time perception  
(the memory of speed) p0006 N78-10691
- Electroencephalographic and galvanic skin  
responses to verbal stimuli [PB-274175/9] p0096 N78-17670
- Psychopharmacology in aviation and astronautics  
p0114 N78-18716
- Evoked cortical potentials and information  
processing [AD-A048647] p0120 N78-18760
- Pilot retraining aimed at stress reduction --- in  
Soviet combat aircraft p0143 N78-20744
- Influence of location of indicators on  
psychophysiological distinctions of combined  
activity --- positioning display devices and  
flight instruments p0184 N78-23716
- Learned voluntary control of systolic blood  
pressure by spinal cord injury patients p0229 N78-27745
- Perception of effort during constant work to  
self-imposed exhaustion [AD-A051275] p0246 N78-28782
- Psychophysiological distinctions of pilot  
performance during brief exposure to intensive  
photic stimuli p0306 N78-32678
- Polish cosmonaut selection process described  
p0312 N78-33033
- PSYCHOSOMATICS**
- Psychosomatic health: Simultaneous control of  
multiple autonomic responses by humans - A  
training method p0047 A78-17221
- A theory on the evolutionary significance of  
psychosomatic disease p0047 A78-17222
- Possibility of voluntary regulation of the heart  
rate p0218 A78-42657
- Interrelation of psychosomatic troubles and  
psychoneurotic troubles in aeronautics p0258 A78-46958
- PSYCHOTHERAPY**
- Psychotherapy and chemotherapy in aeronautical  
psychopathology p0058 A78-20547
- PSYCHROPHILES**
- Dry-heat resistance of selected psychrophiles ---  
Viking lander in spacecraft sterilization  
p0105 A78-27897
- PUBLIC HEALTH**
- Airport hygiene and epidemiology p0059 A78-20552
- Health effects of noise exposure p0239 A78-45504
- Translations on USSR science and technology:  
Biomedical and behavioral sciences, no. 15  
[JPRS-70168] p0041 N78-12666
- STARPARC systems report. Volume 1: Executive  
summary [NASA-CR-151578] p0061 N78-14776
- STARPARC systems report. Volume 2: Operational  
performance [NASA-CR-151579] p0061 N78-14777

- Translations on USSR science and technology:  
Biomedical and behavioral sciences, no. 20  
[JPRS-70486] p0089 N78-16616
- Technical and scientific aspects of sanitary and  
safety problems in nuclear energy production  
[ISS-P-76/9] p0113 N78-18706
- Health and safety of high voltage transmission lines  
[UR-3490-1255] p0248 N78-28792
- Biological significance of some metals as air  
pollutants. Part 2: Mercury  
[PB-279670/4] p0277 N78-30814
- Nitrosamines  
[PB-280479/7] p0284 N78-31727
- Federal noise research in noise effects  
[PR-280335/1] p0284 N78-31733
- Acrylonitrile  
[PP-280478/9] p0310 N78-32713
- Air pollution assessment of vinylidene chloride  
[PB-280624/8] p0310 N78-32714
- PULLING**  
Pull force capabilities for parachute ripcord  
release  
[MEMO-33] p0312 N78-32723
- PULMONARY CIRCULATION**  
High-altitude pulmonary edema  
p0019 A78-13505
- Evaluation of congenital heart defects from  
dynamic tracer measurements  
p0130 A78-28872
- Spatial distribution of pulmonary blood flow in  
dogs in increased force environments  
p0130 A78-29032
- Influence of hypoxia on the longitudinal  
distribution of pulmonary vascular resistance  
p0141 A78-32325
- Effect of gravitational and inertial forces on  
vertical distribution of pulmonary blood flow  
p0161 A78-36154
- Effects of respiration on cardiac performance  
p0192 A78-36604
- Automatic detection of alternations in pulmonary  
venous pressure  
[IA-UR-77-531] p0044 N78-13732
- Pulmonary arterial tree: Architectural and  
functional design  
p0087 N78-16603
- Specialized physiological studies in support of  
manned space flight  
[NASA-CR-151626] p0095 N78-17664
- Influence of low and high pressure baroreceptors  
on plasma renin activity in humans  
[NASA-CR-155307] p0112 N78-18701
- Cardiac output and aortic-pulmonary shunt studies  
p0144 N78-20754
- PULMONARY FUNCTIONS**  
Mechanisms of hypercapnic pulmonary hypertension  
p0004 A78-12525
- Beta-receptor influence on lung vasoconstrictor  
responses to hypoxia and humoral agents  
p0049 A78-18077
- Potentialization of pulmonary vasoconstrictor response  
with repeated intermittent hypoxia  
p0050 A78-18078
- Physiological evaluation of pulmonary dilutional  
and enzymatic activity on blood-borne  
catecholamines in cardiocirculatory performance  
p0055 A78-19132
- Modifications of pulmonary surfactant under  
hyperbaric conditions in rats - Role of oxygen  
and diluting gas under partial pressure  
p0058 A78-20543
- Effect of force environment on regional pulmonary  
displacements and volumes in dogs  
p0103 A78-26924
- Continuous distributions of specific ventilation  
recovered from inert gas washout  
p0131 A78-29033
- Emptying patterns of the lung studied by  
multiple-breath N2 washout  
p0131 A78-29034
- The normal human lung - Ultrastructure and  
morphometric estimation of diffusion capacity  
p0140 A78-32039
- Models of the pressure volume relationship of the  
human lung  
p0140 A78-32041
- Lung volumes in man immersed to the neck -  
Dilution and plethysmographic techniques  
p0192 A78-36603
- Rat as a model for humanlike ventilatory  
adaptation to chronic hypoxia  
p0192 A78-36607
- Reactivity of normal airways to short-term exercise  
p0201 A78-39749
- Altitude tolerance of general aviation pilots with  
normal or partially impaired spirometric function  
p0266 A78-48088
- Regional lung expansion at total lung capacity in  
intact vs. excised canine lungs  
p0297 A78-52539
- Multinational Andean Genetic and Health Program.  
VII - Lung function and physical growth -  
Multivariate analyses in high- and low-altitude  
populations  
p0298 A78-52639
- The scaling of maximal oxygen consumption and  
pulmonary dimensions in small mammals  
p0302 A78-53710
- Pulmonary gas exchange, diffusing capacity in  
natives and newcomers at high altitude  
p0302 A78-53711
- Criteria for quantitative evaluation of  
respiratory system responses  
p0302 A78-53790
- Ventilation-perfusion ratio distributions from  
multiple inert-gas elimination data:  
Mass-spectrometer measurement and nonlinear  
parameter estimation  
p0093 N78-17652
- Macroprocessor-based cardiopulmonary monitoring  
system  
[NASA-CR-151688] p0148 N78-21752
- Pulmonary adaptation to high altitude  
[AD-A049857] p0246 N78-28783
- Effects of nitrogen dioxide on pulmonary function  
in human subjects  
[PB-281186/7] p0316 N78-33723
- PULMONARY LESIONS**  
Influence of radioactivity or sulfur treatment on  
hyperoxia-induced pulmonary lesions in the rat  
p0060 A78-20558
- Tolerance and cross-tolerance using N02 and O2. II  
- Pulmonary morphology and morphometry  
p0130 A78-29031
- Blood gas tension and development of lung damage  
in mice exposed to oxygen at 1 ATA  
p0133 A78-29559
- PULSE AMPLITUDE**  
The measurement of acoustical parameters and  
transducer accelerations in pulsatile  
echo-encephalography  
p0144 N78-20751
- PULSE HEIGHT**  
U PULSE AMPLITUDE
- PULSE RATE**  
Relation between pulse rate during the complex  
coordination test and several psychological  
measures of effort and stress  
[DIR-18-355-75/04] p0013 N78-11700
- PULSED LASERS**  
NT ULTRAVIOLET LASERS  
Retinal tissue damage induced by single ultrashort  
1060 nm laser light pulses  
p0292 A78-51078
- Ocular hazards of picosecond and repetitive-pulsed  
lasers. Volume 1: Nd YAG laser (1064 nm)  
[AD-A053765] p0230 N78-27758
- Ocular hazards of picosecond and repetitive-pulsed  
lasers. Volume 2: Argon-ion laser (514.5 nm)  
[AD-A053766] p0231 N78-27759
- PULSED RADIATION**  
Biological effect of a weak low-frequency pulsed  
electromagnetic field --- myocardium activity  
p0138 A78-31473
- Totally implantable bidirectional pulsed Doppler  
blood flow telemetry: Integrated ultrasonic  
receiver, diameter detection, and volume flow  
estimation  
p0144 N78-20753
- PULSES**  
NT ELECTRIC PULSES
- PUMPS**  
NT BLOOD PUMPS  
NT JET PUMPS
- PUPILLOMETRY**  
Pupillometric signs of brain activation vary with  
level of cognitive processing  
[AD-A050029] p0149 N78-21757

## SUBJECT INDEX

## RADIATION DAMAGE

Activation and sustained attention: A  
pupillometric study of an auditory vigilance task  
[AD-A050040] p0149 N78-21759

Physiological parameters associated with extended  
helicopter flight missions: An assessment of  
pupillographic data  
[AD-A052771] p0250 N78-28810

**PURINES**  
NT ADENINES  
NT CAFFEINE

**PURSUIT TRACKING**  
Effect of preview on digital pursuit control  
performance p0201 A78-39650

Velocity matching during smooth pursuit of  
different targets on different backgrounds ---  
visual tracking p0212 A78-40584

Perceptual effect of pursuit eye movements in the  
absence of a target p0236 A78-43924

Human performance comparisons between digital  
pursuit and compensatory control p0240 A78-45948

Method of evaluating the work capacity of pilots  
and astronauts p0262 A78-47962

Head rotational spectral characteristics during  
two-dimensional smooth pursuit tasks p0272 A78-49263

The effect of luminance on human smooth pursuit of  
perifoveal and foveal targets p0295 A78-51952

Physiological measures of workloads: Correlations  
between physiological parameters and operational  
performance p0287 N78-31753

**PYRIDINE NUCLEOTIDES**  
The effect of high altitude on pyridine  
nucleotides and adenosine phosphates in the  
liver of the rat p0279 N78-31689

**PYRIMIDINES**  
NT MITOCHONDRIA

**PYROELECTRICITY**  
Design of a pyro-electric vidicon camera for  
medical thermography  
[THT-TM-77-009] p0113 N78-18707

**PYROLYSIS**  
Studies with the USP/NASA toxicity screening test  
method - Oxygen concentrations with various test  
conditions p0081 A78-22496

The Viking biological experiments on Mars  
p0201 A78-39746

**PYROLYTIC MATERIALS**  
Inhalation toxicology: 1. Design of a  
small-animal test system. 2. Determination of  
the relative toxic hazards of 75 aircraft cabin  
materials  
[AD-A043646] p0011 N78-11681

**P3V AIRCRAFT**  
J P-3 AIRCRAFT

## Q

**QUALITY**  
NT AIR QUALITY  
NT ENVIRONMENTAL QUALITY  
NT RIDING QUALITY  
NT WATER QUALITY

Windshield quality and pilot performance  
[AD-A048457] p0127 N78-19774

**QUALITY CONTROL**  
Perceived magnitudes of distortion, secondary  
imaging, and rainbowing in aircraft windshields  
p0272 A78-49272

Summary report: Workshop on Vehicle Ride Quality  
[NASA-CP-2013] p0013 N78-11705

Needs of the transportation community: Present  
and near future p0014 N78-11707

Ride quality research techniques: Section on  
general techniques p0014 N78-11708

Ride quality research techniques: Section on  
scaling techniques p0014 N78-11709

Ride control techniques p0014 N78-11710

On scaling techniques p0014 N78-11711

**QUEUEING THEORY**  
A queueing analysis of the air traffic controller's  
work load p0200 A78-39648

## R

**RADAR**  
NT OPTICAL RADAR  
NT TRACKING RADAR  
Simulator pilot consoles for NAS enroute and ARTS  
3 facilities  
[AD-A047567/3] p0126 N78-19769

**RADAR DISPLAYS**  
U RADARSCOPES  
**RADAR EQUIPMENT**  
NT RADARSCOPES  
Electromagnetic field levels near radar therapy  
equipment p0146 N78-20765

**RADAR NAVIGATION**  
Objective workload and behavioural response in  
airport radar control rooms p0259 A78-47491

**RADAR OBSERVATION**  
U RADAR TRACKING  
**RADAR TRACKING**  
Comparison of the vigilance performance of men and  
women using a simulated radar task p0298 A78-52642

**RADARSCOPES**  
The effect of increased monitoring load on  
vigilance performance using a simulated radar  
display  
[AD-A044558] p0041 N78-12669

**RADIANT FLUX DENSITY**  
NT LUMINANCE  
NT LUMINOUS INTENSITY

**RADIATION ABSORPTION**  
NT ELECTROMAGNETIC ABSORPTION  
Photodynamic effects induced in man by sensitizers  
and visible radiation p0145 N78-20764

Microwave absorption and taste aversion as a  
function of 915 MHz radiation p0166 N78-22594

Broadband measurements of dielectric properties  
p0167 N78-22598

**RADIATION COUNTERS**  
Assignment of particle tracks to spores of  
Bacillus subtilis on silver chloride detectors  
p0029 A78-15192

**RADIATION DAMAGE**  
NT LASER DAMAGE  
Assignment of particle tracks to spores of  
Bacillus subtilis on silver chloride detectors  
p0029 A78-15192

Biological effects of high-LFT particles on  
corn-seed embryos in the Apollo-Soyuz test  
project - Biostack III experiment p0029 A78-15193

Calculation of the radiobiological effects of  
heavy ions on eggs of Artemia salina flown in  
the Biostack experiments p0029 A78-15194

Cosmic ray effects on the eyes of rats flown on  
Cosmos no. 782, Experiment K-007 p0078 A78-21736

Cellular glutathione is a key to the oxygen effect  
in radiation damage p0099 A78-25561

Ocular hazard from UV laser exhibiting  
self-mode-locking p0159 A78-35801

Predictions of thermal transients and thermal  
damage resulting from laser irradiation of tissue  
p0199 A78-38787

Studies on adenine acid-soluble nucleotides  
content in the liver of gamma-irradiated chicken  
embryos p0266 A78-48442

The origin of cataracts in the lens from infrared  
laser radiation  
[AD-A046165] p0061 N78-14779

- Cataractogenic effect of 25 and 50 MeV protons  
p0119 N78-18751
- The "protection against X-ray damages act" of 1973  
promulgated by the German Federal Republic  
[ISS-R-76/13] p0188 N78-23742
- Ocular hazards of picosecond and repetitive-pulsed  
lasers. Volume 1: Nd YAG laser (1064 nm)  
[AD-A053765] p0230 N78-27758
- Ocular hazards of picosecond and repetitive-pulsed  
lasers. Volume 2: Argon-ion laser (514.5 nm)  
[AD-A053766] p0231 N78-27759
- Thermal model of laser-induced skin damage:  
Computer program operator's manual  
[AD-A053416] p0253 N78-29738
- RADIATION DETECTORS**
- NT DOSIMETERS**
- RADIATION DISTRIBUTION**
- NT DIFFRACTION PATTERNS**
- Quantitative organ visualization  
p0313 N78-33708
- RADIATION DOSAGE**
- Influence of radioactivity or sulfur treatment on  
hyperoxia-induced pulmonary lesions in the rat  
p0060 A78-20558
- Cosmic ray effects on the eyes of rats flown on  
Cosmos no. 782, Experiment K-007  
p0078 A78-21736
- Cosmic radiation exposure in subsonic air transport  
p0140 A78-31845
- Depth-dose relations for heavy ion beams  
p0201 A78-39700
- Concorde and cosmic rays  
p0257 A78-46952
- Provisional standards of radiation safety during  
flights  
[NASA-TM-75051] p0040 N78-12657
- Evaluating the effects of low-level chronic  
exposures  
[BNWL-SA-5992] p0089 N78-16614
- Patient doses resulting from an X-ray recording  
(belly survey picture). Influence of technical  
parameters on the dosage  
[IRI-190-77-01] p0114 N78-18709
- Radiological quality of the environment in the  
United States, 1977  
[PB-274229/4] p0114 N78-18710
- RF cell culture irradiation system with controlled  
temperature and field strength  
[PB-274793/9] p0114 N78-18712
- Space Biology and Aerospace Medicine, no. 3, 1977  
[JPRS-69380] p0114 N78-18715
- Measurement of radiation doses in the Soyuz-16  
spacecraft  
p0117 N78-18732
- Isozyme composition of lactate dehydrogenase of  
rat skeletal muscles after flight in Kosmos-690  
biosatellite  
p0125 N78-19760
- NEXT** program for evaluating the patient dosage:  
First results for some X ray diagnostics  
installations  
p0145 N78-20762
- Biological effects of low levels of radiation  
exposure --- from consumer products  
[UR-3490-1072] p0146 N78-20768
- Health and safety impacts of nuclear, geothermal,  
and fossil-fuel electric generation in  
California. Volume 2: Radiological health and  
related standards for nuclear power plants  
[LBL-5285-V01-2] p0146 N78-20769
- Comparison of calculated absorbed dose rate  
distributions in phantom heads exposed to 2450  
MHz and 915 MHz plane wave and slot sources  
p0167 N78-22605
- Change in average absorbed dose rate of a group of  
mice under repeated exposure to 915 MHz  
microwave radiation  
p0167 N78-22606
- Neuroendocrine responses in the rat and dog  
exposed to 2450 MHz (CW) microwaves  
[UR-3490-1080] p0168 N78-22609
- The effect of repetitive prenatal low-level  
microwave exposure on development in the rat  
p0168 N78-22610
- Light and electron microscopic observations on the  
blood-brain barrier after microwave irradiation  
p0168 N78-22611
- Causes of death following occupational exposure to  
microwave radiation (radar) 1950 - 1974  
p0172 N78-22645
- Effects of repeated microwave irradiations to the  
albino rabbit eye  
p0168 N78-22615
- Are microwave cataracts thermally caused?  
p0169 N78-22616
- Radiobiological effects at low doses. The role of  
spatial and temporal energy distribution  
p0173 N78-22654
- Development of neoplasms in dogs after chronic  
exposure to gamma radiation delivered at a low  
dose rate  
p0185 N78-23721
- A note on the tissue star dose in personnel  
radiation monitoring in space  
[NASA-CR-151724] p0208 N78-25758
- Dependence of the reaction of the human nervous  
system on the distribution of absorbed doses of  
ionizing radiation  
p0280 N78-31704
- Late biological effects of ionizing radiation as  
influenced by dose, dose rate, age at exposure,  
and genetic sensitivity to neoplastic  
transformation  
[LA-UR-78-681] p0283 N78-31724
- Past neutron depth dose distributions in a  
heterogeneous phantom  
p0314 N78-33712
- Advances in human internal radiation counting at  
Los Alamos: Multiple simultaneous in-vivo  
measurements  
[LA-UR-78-1063] p0315 N78-33721
- RADIATION EFFECTS**
- NT LASER DAMAGE**
- NT RADIATION DAMAGE**
- NT RADIATION INJURIES**
- Preliminary results of the Biobloc experiment on  
the Cosmos 782 flight - Effects of cosmic rays  
on brine shrimp eggs and tobacco seeds  
p0029 A78-15195
- Effects of radiation upon the light-sensing  
elements of the retina as characterized by  
scanning electron microscopy  
p0029 A78-15197
- Effect of weightlessness and of artificial gravity  
on irradiated lettuce seeds  
p0031 A78-15210
- Regulation of the functional activity of human  
cells by means of laser radiation  
p0071 A78-20822
- Ultraviolet-photoproduced organic solids  
synthesized under simulated Jovian conditions -  
Molecular analysis  
p0105 A78-28049
- Biological effect of a weak low-frequency pulsed  
electromagnetic field --- myocardium activity  
p0138 A78-31473
- Cosmic radiation exposure in subsonic air transport  
p0140 A78-31845
- Results of biological experiments performed during  
flights --- onboard Soyuz spacecraft  
p0194 A78-36641
- Visual phenomena induced by relativistic carbon  
ions with and without Cerenkov radiation  
p0239 A78-45077
- Study of the specific effects of microwaves on the  
central nervous system. I - Demonstration of  
modifications of cerebral electrogenesis in the  
rat  
p0257 A78-46953
- The action of space flight factors on radiation  
effects of additional gamma-irradiation of seeds  
p0268 A78-48611
- Biological investigations on the orbital station  
'Salyut-5'  
p0269 A78-48679
- Genetic effects of cosmic radiation on  
bacteriophage T4Br/+/- On materials of  
biological experiment 'Soyuz-Apollo'  
p0269 A78-48682
- Biological effects of nonionizing electromagnetic  
radiation Volume 2: Number 2, December 1977  
[AD-A047647] p0113 N78-18705
- Investigations of the biological effects of  
radiation: A multi-discipline approach  
[COO-2486-366] p0149 N78-21760
- Effects of hard radiation on the visual pigment  
rhodopsin  
p0172 N78-22645

- Results of radiobiological spaceflight experiments  
--- weightlessness influencing radiation  
response of biological matter p0173 N78-22655
- Circadian changes in activity of the  
hypothalamus-hypophysis-adrenal system in  
animals differing in individual radio-sensitivity  
--- using epinephrine test p0175 N78-22676
- Development of neoplasms in dogs after chronic  
exposure to gamma radiation delivered at a low  
dose rate p0185 N78-23721
- Translations on USSR science and technology:  
Biomedical and behavioral sciences, no. 28.  
Effects of nonionizing electromagnetic radiation  
[JPRS-71136] p0186 N78-23724
- Biological effects of ionizing radiation at the  
molecular, cellular, and organismal levels  
[TID-28055] p0223 N78-26718
- Influence of microwaves within the thermal  
intensity range in mice. Weight, rectal  
temperature, respiration, tread mill activity,  
reaction of senses, and learning  
[FOA-C-54018-H2(H6)] p0252 N78-29730
- Biological effects of microwaves. A bibliography  
with abstracts p0254 N78-29745
- Translations on USSR science and technology:  
Biomedical and behavioral sciences, no. 40.  
Effects on nonionizing electromagnetic radiation  
[JPRS-71595] p0281 N78-31705
- Physical mechanisms for biological effects of  
ultrasound p0316 N78-33725
- Translation on USSR science and technology:  
Biomedical and behavioral sciences, no. 45:  
Effects of nonionizing electromagnetic radiation  
[JPRS-71910] p0316 N78-33727
- RADIATION EXPOSURE**  
U RADIATION DOSAGE  
**RADIATION FIELDS**  
U RADIATION DISTRIBUTION  
**RADIATION HAZARDS**  
Biological significance of nuclear fission product  
radionuclides p0220 A78-42899
- Provisional standards of radiation safety of  
flight personnel and passengers in air transport  
of the civil aviation  
[NASA-TM-75052] p0013 N78-11702
- Provisional standards of radiation safety during  
flights  
[NASA-TM-75051] p0040 N78-12657
- Laser protective eyewear --- goggles for reducing  
ocular hazards  
[AD-A044105] p0042 N78-12673
- Molecular basis for the mutagenic and lethal  
effects of ultraviolet irradiation  
[TID-27764] p0122 N78-19745
- Space Biology and Aerospace Medicine, No. 1, 1978  
[JPRS-70753] p0124 N78-19756
- Provisions for radiation safety of the crew of the  
second expedition on Salyut-4 p0124 N78-19758
- RADIATION INJURIES**  
Radiobiological experiment aboard the biosatellite  
Cosmos-690 p0079 A78-21739
- Investigation of the influence of prolonged  
rotation on radiation lesions p0306 N78-32682
- Development of radiation lesions to the rat heart  
during a space flight (experimental  
morphological study) p0307 N78-32690
- RADIATION MEASUREMENT**  
Measurement of microwave radiation absorbed by  
biological systems. I - Analysis of heating and  
cooling data p0080 A78-21877
- Measurement of microwave radiation absorbed by  
biological systems. II - Analysis by Dewar-flask  
calorimetry p0080 A78-21878
- Some contributions from the Radiation Laboratory  
to the 20th National Congress of the Italian  
Association of Health Physics and Radiation  
Protection --- conference proceedings
- [ISS-P-77/10] p0145 N78-20759
- Use of thermoluminescence dosimetry for measuring  
the radiation emitted by color TV sets p0145 N78-20763
- RADIATION MEASURING INSTRUMENTS**  
NT DOSIMETERS  
NT FLIR DETECTORS  
NT RADIATION COUNTERS  
Measurement of RF power-absorption in biological  
specimens, 10 to 100 MHz  
[PB-274218/7] p0114 N78-18714
- RADIATION MEDICINE**  
NT RADIOBIOLOGY  
**RADIATION METERS**  
U RADIATION MEASURING INSTRUMENTS  
**RADIATION PRESSURE**  
NT LUMINANCE  
NT LUMINOUS INTENSITY  
NT SOUND PRESSURE  
**RADIATION PROTECTION**  
NT SOLAR RADIATION SHIELDING  
Radiation protection for Soyuz crews p0193 A78-36631
- Microorganisms of the upper layers of the  
atmosphere and protective role of their cell  
pigments p0269 A78-48712
- Some contributions from the Radiation Laboratory  
to the 20th National Congress of the Italian  
Association of Health Physics and Radiation  
Protection --- conference proceedings  
[ISS-P-77/10] p0145 N78-20759
- Radio protection and diagnosis with X-rays  
[ISS-R-76/13] p0188 N78-23742
- The "protection against X-ray damages act" of 1973  
promulgated by the German Federal Republic  
[ISS-R-76/13] p0188 N78-23742
- Protective clothing. Part 2: Fire and radiation  
environments. A bibliography with abstracts  
[NTIS/PS-78/0372/9] p0250 N78-28813
- Efforts by the Environmental Protection Agency to  
protect the public from environmental  
nonionizing radiation exposures  
[PB-279483/2] p0254 N78-29746
- The preventive role of ultraviolet radiation  
during exposure to ionizing radiation  
[NASA-TM-75106] p0314 N78-33710
- RADIATION RESISTANCE**  
U RADIATION TOLERANCE  
**RADIATION SHIELDING**  
NT SOLAR RADIATION SHIELDING  
**RADIATION SICKNESS**  
Persistence of lateral hypothalamic-mediated  
behaviors after a supralethal dose of ionizing  
radiation p0214 A78-41159
- RADIATION THERAPY**  
Current status of immunotherapy. I -  
Immunosuppressive therapy p0020 A78-13513
- RADIATION TOLERANCE**  
Resistance of stratospheric and mesospheric  
micro-organisms to extreme factors p0027 A78-15180
- Biological investigations of higher and lower  
plants aboard Soyuz 19 --- radiation effects on  
heredity p0028 A78-15190
- Response of cultured mammalian cells to  
accelerated krypton particles p0029 A78-15196
- Distinctions of radioprotective effect of acute  
hypoxia on 5-day-old mice preadapted to oxygen  
deficiency p0306 N78-32683
- RADIATIVE HEAT TRANSFER**  
Instrumentation for the measurement of the  
evaporative and radiative heat loss rates from  
man in a normal working mode p0278 N78-30819
- RADIATIVE TRANSFER**  
NT RADIATIVE HEAT TRANSFER  
**RADIO COMMUNICATION**  
NT RADIO TELEGRAPHY  
NT RADIO TELEMETRY  
**RADIO FREQUENCIES**  
NT LOW FREQUENCIES  
NT MICROWAVE FREQUENCIES  
NT SUPERHIGH FREQUENCIES



# RADIO FREQUENCY DISCHARGE

# SUBJECT INDEX

- NT ULTRAHIGH FREQUENCIES
- NT VERY LOW FREQUENCIES
  - Measurement of RF power-absorption in biological specimens, 10 to 100 MHz [PB-274218/7] p0114 N78-18714
  - RF radiation absorption patterns: Human and animal modeling data [PB-274749/1] p0124 N78-19755
- RADIO FREQUENCY DISCHARGE
  - Chemical interpretation of Viking Lander 1 life detection experiment p0099 A78-25560
- RADIO FREQUENCY INTERFERENCE
- NT WHITE NOISE
- RADIO FREQUENCY RADIATION
- U RADIO WAVES
- RADIO TELEGRAPHY
  - Radio telegraphy as a realistic test for investigating an astronaut's activity p0262 A78-47964
- RADIO TELEMETRY
  - A pocket size heart beat radio telemeter and signal decoder [AD-A043587] p0043 N78-13728
- RADIO TRACKING
- NT WILDLIFE RADIOLOCATION
- RADIO WAVES
- NT MICROWAVE EMISSION
- NT MICROWAVES
- NT MILLIMETER WAVES
  - RF radiation absorption patterns: Human and animal modeling data [PB-274749/1] p0124 N78-19755
  - Symposium on Biological Effects and Measurement of Radio Frequency/Microwaves [HEW-PUBL-(PDA)-77-8026] p0166 N78-22591
  - Biomedical effects of millimeter radio waves p0316 N78-33729
- RADIOACTIVE ELEMENTS
- U RADIOACTIVE ISOTOPES
- RADIOACTIVE ISOTOPES
  - The eight-sensor low-energy gamma topograph GNG-8 --- for human organism isotopic diagnosis p0131 A78-29068
  - Quantitative radionuclide angiography in the right anterior oblique view - Comparison with contrast ventriculography p0136 A78-30650
  - Milk secretion of Zn-65 in the goat after oral intake of radiozinc [FOA-C-40069-A3] p0252 N78-29731
- RADIOACTIVE MATERIALS
  - Possible designs of medication monitors [PB-278973/3] p0232 N78-27766
- RADIOACTIVE NUCLIDES
- U RADIOACTIVE ISOTOPES
- RADIOACTIVE WASTES
  - Disposal of radioactive iodine in space [NASA-TP-1313] p0285 N78-31740
- RADIOACTIVITY
  - Radiological quality of the environment in the United States, 1977 [PB-274229/4] p0114 N78-18710
- RADIOBIOLOGY
  - Life sciences and space research IV; Proceedings of the Open Meeting of the Working Group on Space Biology, Philadelphia, Pa., June 8-19, 1976 p0027 A78-15177
  - Electromagnetic power deposition in prolate spheroid models of man and animals at resonance p0032 A78-15225
  - Review of exposure techniques and dosimetric methods employed in microwave bioeffects research p0048 A78-17583
  - Interest of balloon flights in biology p0050 A78-18187
  - Regulation of the functional activity of human cells by means of laser radiation p0071 A78-20822
  - Radiobiological experiment aboard the biosatellite Cosmos-690 p0079 A78-21739
  - International Union of Radio Science, Annual Meeting, University of Massachusetts, Amherst, Mass., October 11-15, 1976, Proceedings --- microwave effects on biological systems p0080 A78-21876
  - Measurement of microwave radiation absorbed by biological systems. I - Analysis of heating and cooling data p0080 A78-21877
  - Measurement of microwave radiation absorbed by biological systems. II - Analysis by Dewar-flask calorimetry p0080 A78-21878
  - Theoretical calculation of frequencies and thresholds of microwave-induced auditory signals p0080 A78-21879
  - Radiation protection for Soyuz crews p0193 A78-36631
  - Depth-dose relations for heavy ion beams p0201 A78-39700
  - Biological significance of nuclear fission product radionuclides p0220 A78-42899
  - Dosimetric and biological results from the Bacillus subtilis Biostack experiment within the ASTP p0267 A78-48598
  - The action of space flight factors on radiation effects of additional gamma-irradiation of seeds p0268 A78-48611
  - Activities of the Radiobiological Institute, the Institute for Experimental Gerontology, and the Primate Center p0043 N78-13723
  - Main objectives and results of the radiobiological experiment conducted on the Kosmos-690 biosatellite p0111 N78-18688
  - Biological effects of nonionizing electromagnetic radiation Volume 2: Number 2, December 1977 [AD-A047647] p0113 N78-18705
  - RF radiation absorption patterns: Human and animal modeling data [PB-274749/1] p0124 N78-19755
  - Radiobiological effects at low doses. The role of spatial and temporal energy distribution p0173 N78-22654
  - Results of radiobiological spaceflight experiments --- weightlessness influencing radiation response of biological matter p0173 N78-22655
  - Radiobiological problems of exobiology p0173 N78-22657
- RADIOGRAPHY
  - NT ANGIOGRAPHY
  - NT AUTORADIOGRAPHY
  - NT TOMOGRAPHY
  - The eight-sensor low-energy gamma topograph GNG-8 --- for human organism isotopic diagnosis p0131 A78-29068
  - Regional lung expansion at total lung capacity in intact vs. excised canine lungs p0297 A78-52539
  - Protection of the cardiopulmonary systems against the injurious effects of acceleration [AD-A050142] p0149 N78-21755
  - Radiographic and biomechanical studies of the human spine [AD-A049984] p0149 N78-21758
  - Safety helmet-head interaction study using high-speed cineradiography [PB-277289] p0209 N78-25772
- RADIOLOGY
  - Using task data in diagnostic radiology. Volume 2: Curriculum objectives for radiologic technology [PB-270460/9] p0041 N78-12663
  - Using task data in diagnostic radiology. Volume 1. Job ladders: Assigning tasks to jobs [PB-270459/1] p0041 N78-12664
  - New types of microwave diathermy applicators: Comparison of performance with conventional types p0168 N78-22608
  - ORIS: The Oak Ridge Imaging System program listings [ORNL/TM-5875-V3] p0283 N78-31722
- RADIONUCLIDES
- U RADIOACTIVE ISOTOPES
- RADIOPATHOLOGY
  - Ocular hazards of picosecond and repetitive-pulsed lasers. Volume 1: Nd YAG laser (1064 nm) [AD-A053765] p0230 N78-27758
  - Ocular hazards of picosecond and repetitive-pulsed lasers. Volume 2: Argon-ion laser (514.5 nm) [AD-A053766] p0231 N78-27759
  - The preventive role of ultraviolet radiation during exposure to ionizing radiation

- [NASA-TM-75106] p0314 N78-33710
- RADIOPROTECTIVE AGENTS**
- U ANTIRADIATION DRUGS
- RADIOSENSITIVITY**
- U RADIATION TOLERANCE
- RADIOTHERAPY**
- U RADIATION THERAPY
- RAFTS**
- NT LIFE RAFTS
- RANDOM VIBRATION**
- Modelling human responses to vibration p0078 A78-21731
- An equal sensation study of seated subjects in three translational modes --- for human response to vehicle motion p0155 A78-34086
- Effect of vibration duration on human discomfort --- passenger comfort and random vibration [NASA-TP-1283] p0311 N78-32717
- RAPID EYE MOVEMENT STATE**
- REM deprivation by stimulation of the reticular formation in the rat p0302 A78-53787
- Sleep stage classification using beat-by-beat heart rate data p0086 N78-16591
- RARE GASES**
- The effects of maldistribution on the uptake and distribution of inert gases in the human lung p0093 N78-17649
- Ventilation-perfusion ratio distributions from multiple inert-gas elimination data: Mass-spectrometer measurement and nonlinear parameter estimation p0093 N78-17652
- RATE METERS**
- U MEASURING INSTRUMENTS
- RATES (PER TIME)**
- NT ACCELERATION (PHYSICS)
- NT ANGULAR ACCELERATION
- NT ANGULAR VELOCITY
- NT ARRHYTHMIA
- NT BRADYCARDIA
- NT EVAPORATION RATE
- NT FLOW VELOCITY
- NT HEART RATE
- NT HIGH ACCELERATION
- NT HIGH GRAVITY ENVIRONMENTS
- NT HYPOVENTILATION
- NT IMPACT ACCELERATION
- NT LUMINANCE
- NT LUMINOUS INTENSITY
- NT PULSE RATE
- NT RESPIRATORY RATE
- NT SOUND INTENSITY
- NT STRAIN RATE
- NT SYSTOLE
- NT TRANSVERSE ACCELERATION
- NT WIND VELOCITY
- A new approach to ventricular dynamics: The flow-pulse response p0143 N78-20749
- RATINGS**
- Prediction of pilot opinion ratings using an optimal pilot model --- of aircraft handling qualities in multi-axis tasks p0003 A78-12449
- RATIONS**
- NT SPACE RATIONS
- RATIOS**
- NT INDEXES (RATIOS)
- RATS**
- Reduced triglyceride secretion - A metabolic consequence of chronic exercise p0134 A78-29637
- Rat as a model for humanlike ventilatory adaptation to chronic hypoxia p0192 A78-36607
- Blood volume and body haematocrit of rats native to a simulated altitude of 3500 m p0215 A78-41214
- Effects of X-rays on the rat retina and on rhodopsin p0172 N78-22644
- Effect of seduxen on the course of experimental hypokinesia p0176 N78-22681
- Morphology of bone marrow cells of rats on the Kosmos-605 biosatellite p0176 N78-22683
- Blood plasma corticosterone in rats after flight in Kosmos-690 biosatellite p0177 N78-22684
- The effect of high altitude on pyridine nucleotides and adenosine phosphates in the liver of the rat p0279 N78-31689
- Micro-fluid exchange coupling apparatus --- a microrespirator to allow surgery on rats or mice [NASA-CASE-ARC-11114-1] p0315 N78-33717
- RBE**
- U RELATIVE BIOLOGICAL EFFECTIVENESS (RBE)
- REACTION JET BACKPACKS**
- U SELF MANEUVERING UNITS
- REACTION KINETICS**
- Biophysics of photosynthesis p0303 A78-53848
- The effect of electromagnetic fields on enzyme activity p0186 N78-23728
- REACTION TIME**
- Latency changes in the human visual evoked response to sinusoidal gratings p0025 A78-14416
- Temporal summation in human vision - Simple reaction time measurements p0082 A78-23849
- Quantitative models of motor responses subject to longitudinal, lateral, and preview constraints p0132 A78-29540
- Effect of vestibular and optokinetic stimuli on the speed of processing information by an operator --- pilot performance p0137 A78-30785
- Effect of spectral filtering during continuous two-day work p0264 A78-47986
- A reaction time analysis of instrument scanning --- by aircraft pilots p0272 A78-49275
- Visual response time to colored stimuli in peripheral retina - Evidence for binocular summation p0294 A78-51871
- The effect of age and activity level on fractionated response and reflex time p0143 N78-20746
- Cardiovascular function during a reaction time task and mental arithmetic p0246 N78-28778
- Auditory communication and workload --- human response time measurements to voice communication p0287 N78-31749
- REACTIVITY**
- Immunological reactivity and prediction of allergic complications in the crew of the second expedition of Salyut-4 p0183 N78-23710
- REACTOR FUELS**
- U NUCLEAR FUELS
- READING**
- Readability of alphanumeric characters having various contrast levels as a function of age and illumination mode [AD-A044554/4] p0066 N78-15691
- Requirements for goggles used in training to fly instruments [IZP-1977-4] p0206 N78-24805
- REAL TIME OPERATION**
- The real time reconnaissance problem --- human performance limitations p0211 A78-40218
- Real-time compression of ECG data - Technical realization p0293 A78-51459
- Noninvasive, real-time examination of atrioventricular conduction system p0178 N78-22695
- REAL VARIABLES**
- NT GREEN FUNCTION
- NT LINEAR EQUATIONS
- NT NONLINEAR EQUATIONS
- NT PERIODIC FUNCTIONS
- NT TAYLOR SERIES
- REBREATHING**
- An assessment of a N2O rebreathing method for the estimation of cardiac output during severe exercise p0259 A78-47492

# RECEPTORS (PHYSIOLOGY)

# SUBJECT INDEX

Development of a prototype regeneration carbon dioxide absorber --- for use in EVA conditions [NASA-CR-152063] p0147 N78-20773

**RECEPTORS (PHYSIOLOGY)**

**NT BARORECEPTORS**

**NT CHEMORECEPTORS**

**NT GRAVIRECEPTORS**

**NT MECHANORECEPTORS**

**NT PHOTORECEPTORS**

**NT THERMORECEPTORS**

Beta-receptor influence on lung vasoconstrictor responses to hypoxia and humoral agents p0049 A78-18077

Pathways participating in conducting osteoreceptive signals to the Deiters vestibular nucleus p0197 A78-37856

Studies on the light and dark adaptation system in the retina p0294 A78-51873

Human visual functions as related to mild vestibular stimuli p0185 N78-23717

Translations on USSR science and technology: Biomedical and behavioral sciences, no. 35 [JPRS-71467] p0280 N78-31694

Electroreceptors in man and other animals p0280 N78-31696

**RECLAMATION**

**NT MATERIALS RECOVERY**

**NT WATER RECLAMATION**

**RECOGNITION**

**NT CHARACTER RECOGNITION**

**NT PATTERN RECOGNITION**

**NT SPEECH RECOGNITION**

**NT TARGET RECOGNITION**

**RECOMPRESSION**

**U COMPRESSING**

**RECONNAISSANCE**

**NT AERIAL RECONNAISSANCE**

Results of visual observations of the atmosphere and landscapes from manned spacecraft p0265 A78-47989

**RECORDING**

**NT PREDICTION RECORDING**

**RECORDING INSTRUMENTS**

**NT FLIGHT RECORDERS**

**NT MECHANOGGRAMS**

Design of a pyro-electric vidicon camera for medical thermography [THT-TH-77-009] p0113 N78-18707

**RECOVERABLE SPACECRAFT**

**NT SPACE SHUTTLES**

**RECREATION**

Active rest in prolonged spaceflights as a psychological problem p0022 A78-13593

**RECYCLING**

Dynamic hyperfiltration membranes for high-temperature spacecraft wash water recycle [NASA-CR-151689] p0150 N78-21767

**RED BLOOD CELLS**

**U ERYTHROCYTES**

**REDUCED GRAVITY**

Prevention of human deconditioning during prolonged immersion in water p0030 A78-15202

Functional system of antigravity and modeling of physiological effects of decreased gravity p0199 A78-38755

The hematic system in the set of symptoms of autonomic disorders in monkeys on the low gravitation stand p0120 N78-18757

Circumnutation and gravity p0172 N78-22646

**REDUCTION (CHEMISTRY)**

The length of the transition period from the reducing to the neutral biosphere --- by evidence of nitrogen fixation evolution p0026 A78-14681

Sulfate reduction and methanogenesis in marine sediments p0081 A78-23474

Prototype Bosch CO2 reduction subsystem for the RLSE experiment [NASA-CR-150504] p0067 N78-15693

An investigation of the reduction of carbon dioxide in a silent electric discharge

[NASA-CR-152146] p0209 N78-25767

**REDUNDANCY ENCODING**

Required attention for synthesized speech perception for three levels of linguistic redundancy p0196 A78-37531

**REENTRY**

**NT MANNED REENTRY**

**REFERENCES (STANDARDS)**

**U STANDARDS**

**REFLECTANCE**

**NT SPECTRAL REFLECTANCE**

**REFLEXES**

**NT CONDITIONED REFLEXES**

**NT RESPIRATORY REFLEXES**

**NT VESTIBULAR NYSTAGHUS**

Effect of sojourn at 3200-m altitude on spinal reflexes in young adult males p0018 A78-13268

Investigation of the effect of electrical pain stimulation of the skin on the reflex excitation of human alpha-motoneurons p0052 A78-18538

Investigation of the regulation system for vertical posture by means of vibrational stimulation of muscle spindles p0071 A78-21178

Vision during angular oscillation - The dynamic interaction of visual and vestibular mechanisms p0078 A78-21732

Methodological aspects of the physiology of behavior p0135 A78-30396

Dynamics of reflex reactions of arteries and veins during variation of the functional state of vasomotor centers p0243 A78-46454

The role of the acoustic reflex in the acquisition of temporary threshold shift p0039 N78-12653

Ascending spinal pathways for the somatosympathetic reflex p0065 N78-15678

Some latency and relaxation measures of the acoustic reflex in response to white noise and pure tones, in subjects with normal hearing and subjects with sensorineural hearing loss p0087 N78-16600

Mathematical model of the vestibuloocular reflex p0165 N78-22584

Comparison of auditory critical bands measured by loudness summation and acoustic reflexes p0224 N78-26721

Comparisons among auditory reaction time loudness and certain characteristics of the acoustic reflex p0224 N78-26723

**REFRACTION**

Low atmospheric pressure effects on wearing soft contact lenses p0079 A78-21746

Refractive error characteristics of early and advanced presbyopic individuals [AD-A044555/1] p0065 N78-15684

**REFRACTORY MATERIALS**

**NT MOLYBDENUM**

**NT TUNGSTEN**

**NT TUNGSTEN ISOTOPES**

**REFRACTORY METALS**

**NT MOLYBDENUM**

**NT TUNGSTEN**

**NT TUNGSTEN ISOTOPES**

**REFRASIL (TRADEMARK)**

**U SILICON DIOXIDE**

**REFUELING**

**NT AIR TO AIR REFUELING**

**REGENERATION (ENGINEERING)**

Prototype Bosch CO2 reduction subsystem for the RLSE experiment [NASA-CR-150504] p0067 N78-15693

**REGENERATIVE CYCLES**

**U REGENERATION (ENGINEERING)**

**REGIONS**

**NT ANTARCTIC REGIONS**

**NT ARCTIC REGIONS**

**NT LUMBAR REGION**

**NT TROPICAL REGIONS**

**REGRESSION (STATISTICS)**

**U REGRESSION ANALYSIS**

**REGRESSION ANALYSIS**

A regression approach to generate aircraft

# SUBJECT INDEX

# RESEARCH

- predictor information  
 Classification of sleep stage with period analysis  
 features derived from the EEG p0054 A78-18822  
 Moderator analysis based on subgrouping: Problems  
 arising from the use of standardized variables  
 [AD-A047892] p0101 A78-26737  
 REGULATION  
 U CONTROL  
 REGULATIONS  
 Current vaccination regulations for civil aviation  
 navigation personnel p0096 N78-17674  
 The regulation of working methods as a function of  
 work-load among air traffic controllers p0059 A78-20554  
 Provisional standards of radiation safety of  
 flight personnel and passengers in air transport  
 of the civil aviation p0159 A78-35854  
 [NASA-TM-75052]  
 Respirator selection p0013 N78-11702  
 [LA-UR-78-119] p0312 N78-32725  
 REGULATORS  
 NT OXYGEN REGULATORS  
 RELATIONSHIPS  
 NT STRESS-STRAIN RELATIONSHIPS  
 RELATIVE BIOLOGICAL EFFECTIVENESS (RBE)  
 Radiobiological effects at low doses. The role of  
 spatial and temporal energy distribution p0173 N78-22654  
 Radiobiological aspects of high altitude flight:  
 Relative biological effectiveness of fast  
 neutrons in suppressing immune capacity to an  
 infective agent p0230 N78-27756  
 [AD-A053204]  
 RELATIVISTIC PARTICLES  
 Visual phenomena induced by relativistic carbon  
 ions with and without Cerenkov radiation p0239 A78-45077  
 RELAXATION (PHYSIOLOGY)  
 Recuperation after muscular fatigue by 'diverting  
 activities' p0102 A78-26742  
 A central nervous component in local muscular  
 fatigue p0102 A78-26743  
 Modern concepts on the contraction-relaxation  
 mechanism of the myocardium p0198 A78-38752  
 RELEASING  
 Pull force capabilities for parachute ripcord  
 release [MEMO-33] p0312 N78-32723  
 RELIABILITY ANALYSIS  
 A model to quantify reliability of human  
 performance in man-machine systems p0132 A78-29487  
 Stability of characteristics of alternate forms of  
 a test battery [PB-280958/0] p0311 N78-32719  
 RELIABILITY CONTROL  
 U QUALITY CONTROL  
 U RELIABILITY ENGINEERING  
 RELIABILITY ENGINEERING  
 Required attention for synthesized speech  
 perception for three levels of linguistic  
 redundancy p0196 A78-37531  
 Human reliability engineering p0241 A78-46323  
 REMOTE CONTROL  
 The mathematics of computer controlled manipulators  
 Robots and manipulator systems. Part 2 --- p0083 A78-23854  
 Conference papers p0136 A78-30501  
 Inertia forces of robots and manipulators p0136 A78-30503  
 Stochastic modelling of remotely manned systems p0136 A78-30509  
 Effect of hand-based sensors on manipulator  
 control performance p0136 A78-30510  
 Manual control of astronaut attitude with a  
 three-stage setup p0263 A78-47971  
 Dynamic decoupling of a remote manipulator system  
 p0271 A78-49257  
 End effector device --- for manipulators  
 [NASA-CASE-MPS-23692-1] p0127 N78-19773  
 REMOTE HANDLING  
 Analog simulation of the movements of an ideal  
 manipulator p0266 A78-48511  
 Study to design and develop remote manipulator  
 systems [NASA-CR-152092] p0090 N78-16620  
 Collision detection and avoidance in computer  
 controlled manipulators p0150 N78-21766  
 A comparison of control modes for time delayed  
 remote manipulation p0285 N78-31737  
 REMOTE REGIONS  
 NT ANTARCTIC REGIONS  
 NT ARCTIC REGIONS  
 REMOTE SENSORS  
 Robot and manipulator control by exteroceptive  
 sensors p0083 A78-23855  
 Fluid sample collection and distribution system  
 [NASA-CASE-MSC-16841-1] p0166 N78-22590  
 REMOTELY PILOTED VEHICLES  
 Effectiveness of basic display augmentation in  
 vehicular control by visual field cues p0271 A78-49262  
 Visual-proprioceptive cue conflicts in the control  
 of remotely piloted vehicles [AD-A049706] p0151 N78-21770  
 REMS  
 U RAPID EYE MOVEMENT STATE  
 RENAL FUNCTION  
 Renal sodium reabsorption following induction of  
 and recovery from volume expansion p0049 A78-17647  
 The osmoregulating function of the kidneys during  
 immersion p0197 A78-37857  
 Dynamics of heart contractions in dogs with  
 experimental renal hypertension under hypoxic  
 hypoxia conditions p0237 A78-44091  
 Distinctions of fluid and electrolyte metabolism  
 and renal function in crew members of the first  
 Salyut-4 expedition p0110 N78-18685  
 Circulatory, renal and endocrine reactions on  
 simulated weightlessness dependent on physical  
 fitness state p0170 N78-22629  
 RENDEZVOUS  
 NT SPACE RENDEZVOUS  
 RENDEZVOUS GUIDANCE  
 Construction and investigation of an information  
 model of the process of approach of piloted  
 spacecraft p0241 A78-46082  
 REPORTS  
 NT CONGRESSIONAL REPORTS  
 Activities of the Department of Aviation  
 Psychology concerning the consultancy contract  
 with the Deutsche Lufthansa AG p0013 N78-11698  
 Research activities of the DFVLR Department of  
 Aviation Psychology concerning the consultancy  
 contract of the Deutsche Lufthansa AG  
 [DLR-IB-355-75/01] p0045 N78-13741  
 [DLR-IB-355-76/01]  
 REPRODUCTION (BIOLOGY)  
 Population dynamics and rhythms of epizootics  
 among rodents correlated with solar cycles p0163 N78-22566  
 REPRODUCTIVE SYSTEMS  
 NT TESTES  
 Hypergravity - Its effect on the estrous cycle and  
 hormonal levels in female rats p0270 A78-48722  
 REPUBLIC MILITARY AIRCRAFT  
 U MILITARY AIRCRAFT  
 REQUIREMENTS  
 Requirements for goggles used in training to fly  
 instruments [IZP-1977-4] p0206 N78-24805  
 Respirator selection [LA-UR-78-119] p0312 N78-32725  
 RESEARCH  
 NT MARKET RESEARCH  
 NT NUCLEAR RESEARCH

# NT OPERATIONS RESEARCH RESEARCH AND DEVELOPMENT

Research and technology in the health field  
p0050 A78-18514

Reviews on research and development with respect  
to the life support equipments in JASDP and its  
perspectives  
p0293 A78-51499

Publications of the space biology program for  
1975-1977: A special bibliography  
[NASA-TM-79324]  
p0092 N78-17647

Design of a blood-freezing system for leukemia  
research  
[NASA-TP-1165]  
p0109 N78-18673

Before the long journey --- the development of  
space biology and medicine  
[NASA-TM-75098]  
p0203 N78-24781

## RESEARCH FACILITIES

Functional requirements and other design features  
of a manned system research facility  
[AD-A044254]  
p0042 N78-12672

## RESEARCH MANAGEMENT

Physiological spacecraft environment data  
documentation  
[NASA-CR-151589]  
p0061 N78-14778

Transcript of the Meeting Proceedings of National  
Commission for the Protection of Human Subjects  
of Biomedical and Behavioral Research  
[PB-279639/9]  
p0232 N78-27765

Federal human nutrition research needs a  
coordinated approach to advance nutrition  
knowledge, volume 1  
[PB-278854/3]  
p0233 N78-27776

Federal human nutrition research needs a  
coordinated approach to advance nutrition  
knowledge, volume 2  
[PB-278851/1]  
p0233 N78-27777

## RESEARCH PROJECTS

Development of a visibility research capability  
[PB-278152/4]  
p0233 N78-27778

## RESIDUAL STRESS

The experimental simulation of elastic model of  
artery system - Some behaviour of vascular  
substitute under repeated internal stress  
p0217 A78-42576

## RESINS

### NT SYNTHETIC RESINS

A literature review: Problem definition studies  
on selected toxic chemicals. Volume 6:  
Occupational health and safety and environmental  
aspects of urea-formaldehyde resins  
[AD-A054991]  
p0282 N78-31716

## RESISTIVITY

### U ELECTRICAL RESISTIVITY

## RESOLUTION

### NT HIGH RESOLUTION

Resolution requirements for slow-scan television  
transmission of X-rays. A test report for the  
remote medical diagnosis system  
[AD-A047870]  
p0095 N78-17669

## RESOLVING POWER

### U RESOLUTION

## RESONANCE

### NT NUCLEAR MAGNETIC RESONANCE

## RESOURCES

### NT CRUDE OIL

### NT FOSSIL FUELS

### NT GEOTHERMAL RESOURCES

## RESOURCES MANAGEMENT

### NT LAND MANAGEMENT

## RESPIRATION

### NT HIGH ALTITUDE BREATHING

### NT PRESSURE BREATHING

The effects of ozone in the range of the maximum  
work location concentration on subjects  
p0024 A78-14196

Oxygen consumption and some indicators of external  
respiration during cold adaptation  
p0072 A78-21180

Influence of adaptation to hypoxia on the  
dependence of internal respiration on  
temperature and oxygen tension in vitro  
p0100 A78-26610

Effect of force environment on regional pulmonary  
displacements and volumes in dogs  
p0103 A78-26924

Evidence for cerebral extracellular fluid H<sup>+</sup>/ as  
a stimulus during acclimatization to hypoxia  
p0140 A78-32040

Effects of respiration on cardiac performance  
p0192 A78-36604

Differences in cardio-respiratory responses to  
exhaustive exercise between athletes and  
non-athletes  
p0201 A78-39747

Dynamics of thermoregulation during adaptation to  
strenuous muscular activity with respiratory  
changes  
p0219 A78-42668

Breathing pattern in men during inspiratory  
elastic loads  
p0302 A78-53712

The effects of maldistribution on the uptake and  
distribution of inert gases in the human lung  
p0093 N78-17649

Mechanics of speech-related respiration while  
performing static physical exercise  
p0116 N78-18726

Application to animals and humans of a continuous  
monitoring oxygen system  
[PB-276448/8]  
p0180 N78-22713

Human endurance of measured exercise in the  
presence of chronic hypercapnia  
p0185 N78-23718

Simulation of man's respiratory and metabolic  
functions by the automated breathing metabolic  
simulator  
[PB-278544/2]  
p0230 N78-27757

Cardiovascular, renal and respiratory effects of  
high intensity, intermediate duration, low  
frequency vibration  
[AD-A050158]  
p0247 N78-28784

## RESPIRATORS

Silica dust test for respiratory protective devices  
[PB-278019/5]  
p0227 N78-26746

Respirator studies for the Nuclear Regulatory  
Commission. Protection Factors for supplied-air  
respirators  
[LA-7098-PR]  
p0256 N78-29760

The artificial gill: A study of its development,  
theory of operation, humanistic aspects, and  
design  
p0276 N78-30805

Respirator selection  
[LA-UR-78-119]  
p0312 N78-32725

Micro-fluid exchange coupling apparatus --- a  
microrespirator to allow surgery on rats or mice  
[NASA-CASE-ARC-11114-1]  
p0315 N78-33717

## RESPIRATORY DISEASES

### NT TUBERCULOSIS

Continuous distributions of specific ventilation  
recovered from inert gas washout  
p0131 A78-29033

Functional state of external respiration in  
flight-crew members with compensated  
atherosclerotic cardiovascular disease  
p0200 A78-39199

Elasticity of excised dog lung parenchyma  
p0258 A78-47206

Biological effects of manganese  
[PB-277169]  
p0203 N78-24787

Effects of nitrogen dioxide on pulmonary function  
in human subjects  
[PB-281186/7]  
p0316 N78-33723

## RESPIRATORY IMPEDANCE

Study of the effects of chronic ozone exposure on  
animals - Morphological and functional changes  
p0024 A78-14193

Breathing pattern in men during inspiratory  
elastic loads  
p0302 A78-53712

Altitude tolerance of general aviation pilots with  
normal or partially impaired spirometric function  
[AD-A044557]  
p0040 N78-12656

## RESPIRATORY PHYSIOLOGY

Mechanisms of hypercapnic pulmonary hypertension  
p0004 A78-12525

Prediction of carboxyhemoglobin concentration from  
transient carbon monoxide exposure  
p0018 A78-13273

Acute and sub-acute inhalation toxicity of  
peroxyacetyl nitrate and ozone in rats  
p0024 A78-14192

Response of medullary respiratory neurons to  
hypercapnia and isocapnic hypoxia  
p0033 A78-15521

Potentiation of pulmonary vasoconstrictor response  
with repeated intermittent hypoxia

# SUBJECT INDEX

# RETINA

Kinetics of gas exchange and ventilation in transitions from rest or prior exercise p0050 A78-18078  
 Dynamics of cardiorespiratory system indicators in healthy man during passive orthostatic test p0050 A78-18082  
 Acute and long-duration hypoxia --- Russian book p0129 A78-28490  
 Analysis of postcapillary pH changes in blood in vivo after gas exchange p0155 A78-34156  
 Characteristics of voluntary control of respiratory movements in man during muscular work of varying power p0193 A78-36608  
 Reactivity of normal airways to short-term exercise p0197 A78-37750  
 Total and alactic oxygen debts after supramaximal work p0201 A78-39749  
 Analysis of the regulation of human respiration in transient and stable periods of muscle activity p0201 A78-39750  
 Mechanics of the human diaphragm during voluntary contraction. I - Statics. II - Dynamics p0213 A78-41010  
 Respiratory-hemodynamic correlations in individuals of different age p0217 A78-42004  
 Respiratory activity of mitochondria in corn-root cells, grown under conditions of variable gravity p0218 A78-42663  
 Regional lung expansion at total lung capacity in intact vs. excised canine lungs p0293 A78-51394  
 Gas elimination during a single-stage decompression p0297 A78-52539  
 Criteria for quantitative evaluation of respiratory system responses p0298 A78-52637  
 Mathematical modelling of a human external respiratory system [NASA-TM-75069] p0302 A78-53790  
 The physiology of restricted breathing p0088 N78-16606  
 Some problems of pathogenesis of respiratory disorders occurring at +G sub z accelerations combined with breathing pure oxygen p0143 N78-20747  
 Effect of atropine upon the cerebrovascular system during GD-induced respiratory depression p0184 N78-23714  
 Physiological response to atmospheric pollutants [PB-280413/6] p0276 N78-30811  
 Cardiorespiratory assessment of decongestant-antihistamine effects on altitude, +Gz, and fatigue tolerances --- pilot performance [AD-A055089] p0284 N78-31731  
 RESPIRATORY RATE p0310 N78-32707  
 NT HYPOVENTILATION  
 Dynamic characteristics of heat exchange and moisture exchange in the human body p0213 A78-41011  
 Altitude tolerance of general aviation pilots with normal or partially impaired spirometric function p0266 A78-48088  
 Effects of simulated hypogravity on respiration and photosynthesis of higher plants p0269 A78-48680  
 Oxygen consumption during constant-load exercise p0297 A78-52540  
 Preliminary analysis of available inflight respiratory data [AD-A054241] p0278 N78-30823  
 Use of Inspiratory Minute Volumes in evaluation of rotary and fixed wing pilot workload --- respiratory response to flight conditions p0287 N78-31754  
 RESPIRATORY REFLEXES  
 Acute effects of ozone on lung function in humans p0024 A78-14195  
 Cardiovascular-respiratory reflex interactions between carotid bodies and upper-airways receptors in the monkey p0134 A78-29639  
 RESPIRATORY SYSTEM  
 NT BRONCHI

NT BRONCHIAL TUBE  
 NT DIAPHRAGM (ANATOMY)  
 NT LUNGS  
 NT NOSE (ANATOMY)  
 NT TRACHEA  
 Cardiovascular-respiratory reflex interactions between carotid bodies and upper-airways receptors in the monkey p0134 A78-29639  
 Cardio-respiratory adaptation and central blood volume during weightlessness p0170 N78-22628  
 Human respiratory considerations for civil transport aircraft oxygen system [AD-A053223] p0233 N78-27773  
 Factors determining maximal expiratory flows in the human lung p0281 N78-31711  
 RESPIROMETERS  
 The energetics of isolated cardiac muscle p0246 N78-28780  
 RESPONSE BIAS  
 The effects of stimulus orientation and response bias upon dynamic visual acuity [AD-A047827] p0179 N78-22706  
 RESPONSES  
 NT DYNAMIC RESPONSE  
 NT GALVANIC SKIN RESPONSE  
 NT HEMODYNAMIC RESPONSES  
 NT PHYSIOLOGICAL RESPONSES  
 NT TRANSIENT RESPONSE  
 Investigation of an alternative response task for synthetic sentence index p0232 N78-27768  
 Estimation of the operating characteristics of item response categories 4: Comparison of the different methods [AD-A057161] p0317 N78-33735  
 REST  
 NT BED REST  
 Human circadian rhythms in resting and exercise pulse rates p0019 A78-13477  
 Active rest in prolonged spaceflights as a psychological problem p0022 A78-13593  
 Effect of altitude on dietary-induced thermogenesis at rest and during light exercise in man p0296 A78-52537  
 Metabolic structure of the recovery process following various physical stresses p0303 A78-53791  
 The effect of the benzodiazepine adumbran on the resting and sleep EEG and on the visual evoked potential in adult man [RAE-LIB-TRANS-1906] p0187 N78-23736  
 RESTRAINTS  
 U CONSTRAINTS  
 RESTRICTIONS  
 U CONSTRUCTIONS  
 RESUSCITATION  
 Medical support of the immediate postflight period following long space missions p0118 N78-18741  
 RETARDANTS  
 NT PLANE RETARDANTS  
 RETENTION (PSYCHOLOGY)  
 Laws of reproduction of memory traces in time p0071 A78-20844  
 Biocybernetic factors in human perception and memory [AD-A043773] p0007 N78-10702  
 Input, output, and response blocking in immediate recall [AD-A050302] p0147 N78-20771  
 Human memory. A bibliography with abstracts [NTIS/PS-78/0348/9] p0233 N78-27772  
 RETICLES  
 A layout designer's data projection reticle --- for optimum indicator instrument location in aircraft p0054 A78-18823  
 RETINA  
 NT FOVEA  
 NT VISUAL PIGMENTS  
 Influence of systemic factors on hyperbaric oxygen toxicity in the rat visual system p0018 A78-13269

- Dark noise in retinal bipolar cells and stability of rhodopsin in rods p0024 A78-14309
- Effects of radiation upon the light-sensing elements of the retina as characterized by scanning electron microscopy p0029 A78-15197
- Trichromatic vision in the cat p0032 A78-15280
- Cosmic ray effects on the eyes of rats flown on Cosmos no. 782, Experiment K-007 p0078 A78-21736
- Isolated retinas synthesize visual pigments from retinol congeners delivered by liposomes p0200 A78-39500
- Retinal hemorrhage in high mountain climbers p0258 A78-47113
- Retinal tissue damage induced by single ultrashort 1060 nm laser light pulses p0292 A78-51078
- Retinal rod outer segment discs: A study of membrane structure and function p0087 A78-16601
- Retinal rod outer segment discs: A study of membrane structure and function p0123 A78-19750
- The Critical Central Retinal Fusion Frequency (CCRF) as a test of the retinal circulatory function and its relation with encephalic circulation p0172 A78-22643
- Ocular hazards of picosecond and repetitive-pulsed lasers. Volume 1: Nd YAG laser (1064 nm) [AD-A053765] p0230 A78-27758
- Ocular hazards of picosecond and repetitive-pulsed lasers. Volume 2: Argon-ion laser (514.5 nm) [AD-A053766] p0231 A78-27759
- RETINAL ADAPTATION**
- NT DARK ADAPTATION
- NT LIGHT ADAPTATION
- Responses of macaque ganglion cells to far violet lights p0025 A78-14412
- Cyclic adenosine-3,5-monophosphate and photoreceptor potential of the retina in vertebrates p0072 A78-21196
- Illusory motion in depth - Aftereffect of adaptation to changing size p0155 A78-34336
- Evoked potential evidence of adaptation to spatial Fourier components in human vision p0236 A78-43923
- Complete adaptation to patterned stimuli - A necessary and sufficient condition for Weber's law for contrast p0295 A78-51956
- Neuronal network in the retina - Interactions between photoreceptors /cones/ and horizontal cells p0296 A78-52444
- RETINAL IMAGES**
- Information capacity of eyes --- spatial resolving power of retinal images p0025 A78-14413
- Magnification in striate cortex and retinal ganglion cell layer of owl monkey - A quantitative comparison p0032 A78-15313
- Effect of disparity and viewing distance on perceived depth p0032 A78-15404
- The retinex theory of color vision p0034 A78-15903
- A phantom-motion aftereffect --- residual effects from retinal stimulation p0034 A78-15947
- Perimetry of contrast detection thresholds of moving spatial sine wave patterns. I - The near peripheral visual field /eccentricity 0-8 deg/. II - The far peripheral visual field /eccentricity 0-50 deg/. III - The target extent as a sensitivity controlling parameter. IV - The influence of the mean retinal illuminance p0217 A78-42473
- Visual problems of pilots - Study on distance judgement of pilots p0293 A78-51500
- Visual response time to colored stimuli in peripheral retina - Evidence for binocular summation p0294 A78-51871
- Contrast sensitivity during saccadic eye movements p0295 A78-51954
- Binocular interactions during establishment of McCollough effects --- color aftereffects p0295 A78-51955
- Complete adaptation to patterned stimuli - A necessary and sufficient condition for Weber's law for contrast p0295 A78-51956
- A facilitation effect in orientation discrimination --- relation to visual stimulus onset asynchrony p0295 A78-51957
- Hysteresis in human binocular fusion: A second look p0314 A78-33711
- RETRIEVAL**
- NT INFORMATION RETRIEVAL
- NASA develops teleoperator retrieval system [NASA-NEWS-RELEASE-78-49] p0126 A78-19771
- RETURN TO EARTH SPACE FLIGHT**
- Effect of sterilization on the scientific value of a returned Mars soil sample p0027 A78-15178
- REUSABLE SPACECRAFT**
- NT SPACE SHUTTLES
- REVERSE TIME**
- U REACTION TIME
- RH-2 HELICOPTER**
- U RH-1 HELICOPTER
- RHEOLOGY**
- Propagation of pulsed wave in arterial vessels with allowance for preliminary stresses and muscular activity p0220 A78-42874
- A rheological model for research on cochlear hypoxia p0300 A78-53394
- RHEOMETERS**
- Tetrapolar rheography used to evaluate the circulatory system p0120 A78-18754
- Evaluation of regional blood filling by means of rheoplethysmography combined with functional tests p0306 A78-32676
- RHYTHM (BIOLOGY)**
- NT CIRCADIAN RHYTHMS
- Second-order correlation functions and bi-spectra in biological-rhythm research p0004 A78-12601
- Apollo-Soyuz test project on biorhythm of zone-forming fungi - Preliminary work p0031 A78-15212
- Growth-rate periodicity of *Streptomyces levoris* during space flight p0031 A78-15213
- Apollo-Soyuz test project on biorhythm of zone-forming fungi - Results of experiments p0031 A78-15214
- Mathematical description of synapse behavior under conditions of rhythmic stimulation p0099 A78-25625
- On the possibility of predicting the frequency of electrical stimulation which would cause the onset of the regular rhythm of extended action potentials p0105 A78-27712
- Cardiac rhythm during wakefulness and different stages of sleep p0129 A78-28491
- The organization of work and rest for Soyuz crew members p0193 A78-36633
- Rhythm of heart contractions in different stages of sleep and during wakefulness p0218 A78-42659
- Role of baroreceptors in cardiac-rhythm regulation in awake animals p0238 A78-44215
- Medical problems of rationalizing the work-rest regimen of astronauts p0261 A78-47956
- Evolution of sleep: Stages of formation of the wakefulness-sleep cycle in a number of vertebrates --- Russian book p0266 A78-48524
- Circadian rhythms in aerospace medicine [NASA-TM-75165] p0011 A78-11689

- Suprachiasmatic nuclei and Circadian rhythms. The role of suprachiasmatic nuclei on rhythmic activity of neurons in the lateral hypothalamic area, ventromedian nuclei and pineal gland [NASA-TM-75155] p0011 N78-11690
- RIBONUCLEIC ACIDS**  
Codons and nearest-neighbor nucleotide pairs in mammalian messenger RNA p0219 A78-42846
- Aminoacyl-tRNA synthetase families and their significance to the origin of the Genetic Code p0303 A78-53873
- Cytochemical studies of proteins and RNA in individual spinal cord motoneurons and spinal ganglia neurons of rats following a space flight p0118 N78-18744
- RICHARDSON-DUSHEAN EQUATION**  
U TEMPERATURE EFFECTS
- RIDE QUALITY**  
Ride quality criteria of multifactor environments --- of transportation systems p0099 A78-24911
- Ride quality criteria --- transportation system interior and passenger response to environment p0158 A78-35664
- An investigation of ride quality rating scales [NASA-TP-1064] p0012 N78-11696
- Vibration aspects of ride quality modeling for the DOT PTACV: Theory and experiment [PB-279846/0] p0286 N78-31744
- RING STRUCTURES**  
Helmet latching and attaching ring [NASA-CASE-XMS-04670] p0097 N78-17678
- RNA**  
U RIBONUCLEIC ACIDS
- ROADS**  
NT HIGHWAYS
- ROBOTS**  
On problems and principles of robots' motion p0023 A78-14002
- Robot and manipulator control by exteroceptive sensors p0083 A78-23855
- Controller design for a manipulator using theory of variable structure systems p0093 A78-24000
- The biomechanics of work p0100 A78-26268
- Robots and manipulator systems. Part 2 --- Conference papers p0136 A78-30501
- Inertia forces of robots and manipulators p0136 A78-30503
- Robot stereognosis - Application to object recognition --- French thesis p0198 A78-38062
- Manipulators: Dynamics and algorithms --- Russian book p0266 A78-48529
- State-of-the-art in adaptable-programmable assembly systems [PE-270054/0] p0015 N78-11718
- Analysis and synthesis of a fluid-powered intelligent industrial robot end effector with tactile sensors p0147 N78-20772
- ROCKET ENGINES**  
NT HYDRAZINE ENGINES
- RODENTS**  
NT GUINEA PIGS  
NT MICE  
NT RATS  
Population dynamics and rhythms of epizootics among rodents correlated with solar cycles p0163 N78-22566
- ROLL**  
Recent advances in modelling the effects of roll motion on the human operator p0077 A78-21730
- Experiments on the detection of roll motion p0157 A78-35101
- The effect of the position of the axis of rotation on the discomfort caused by whole-body roll and pitch vibrations of seated persons p0195 A78-36816
- The effect of rotational vibration in roll and pitch axes on the discomfort of seated subjects p0274 A78-50080
- ROLL CONTROL**  
U LATERAL CONTROL
- ROOM TEMPERATURE**  
Research report on the physiological effects of air ions and their significance as environmental factors [NASA-TM-75086] p0123 N78-19752
- ROTARY DRIVES**  
U MECHANICAL DRIVES
- ROTARY WING AIRCRAFT**  
NT HELICOPTERS  
NT MILITARY HELICOPTERS  
NT UH-1 HELICOPTER  
The assessment of rotary wing aviator precision performance during extended helicopter flights p0090 N78-16625
- ROTATING**  
U ROTATION
- ROTATING BODIES**  
NT ROTATING CYLINDERS  
NT ROTATING DISKS  
Results of an investigation of the rotation of a man in space p0153 A78-33253
- Subjective motion and acceleration induced by the movement of the observer's entire visual field p0271 A78-48824
- ROTATING CYLINDERS**  
Tread drum for animals --- having an electrical shock station [NASA-CASE-ARC-10917-1] p0227 N78-27733
- ROTATING DISKS**  
Responses of roots to simulated weightlessness on the fast rotating klinostat p0268 A78-48667
- Rotating disc induced hemolysis as influenced by disc material and blood chemistry p0123 N78-19748
- ROTATING ENVIRONMENTS**  
Observable effects in and human adaptation to rotating environments p0047 A78-17192
- Human physiological responses during swinging with periodic rotations p0072 A78-21182
- Bidirectional overadaptation achieved by executing leftward or rightward head movements during unidirectional rotation p0078 A78-21733
- Postural illusions experienced during Z-axis recumbent rotation and their dependence upon somatosensory stimulation of the body surface p0134 A78-29561
- Some influences of touch and pressure cues on human spatial orientation p0161 A78-36157
- The effect of rotational vibration in roll and pitch axes on the discomfort of seated subjects p0274 A78-50080
- The interaction between the utricles and the semicircular canals during eccentric rotation p0314 N78-33714
- ROTATING GENERATORS**  
NT DYNAMOMETERS
- ROTATING VEHICLES**  
U ROTATING BODIES
- ROTATION**  
Egocentric orientation is influenced by trained voluntary cyclorotary eye movements p0294 A78-51856
- ROTATIONAL FLOW**  
U FLUID FLOW
- ROTORCRAFT**  
U ROTARY WING AIRCRAFT
- RPV**  
U REMOTELY PILOTED VEHICLES
- RUBBER**  
NT VULCANIZED ELASTOMERS
- RUDDERS**  
NT AERIAL RUDDERS
- RULES**  
NT INSTRUMENT FLIGHT RULES  
NT VISUAL FLIGHT RULES
- RUNWAY ALIGNMENT**  
Perceived orientation of a runway model in nonpilots during simulated night approaches to landing p0133 A78-29556



# RUNWAY LIGHTS

# SUBJECT INDEX

## RUNWAY LIGHTS

Comparison of the visual perception of a runway model in pilots and nonpilots during simulated night landing approaches  
p0265 A78-48076

## RUNWAYS

Perceived orientation of a runway model in nonpilots during simulated night approaches to landing  
[AD-A044553] p0041 N78-12668  
An analysis of flight data from aircraft landings with and without the aid of a painted diamond on the same runway  
[NASA-CR-143849] p0067 N78-15692  
Comparison of the visual perception of a runway model in pilots and nonpilots during simulated night landing approach  
[AD-A054450] p0249 N78-28806

## RURAL AREAS

STARPAHC systems report. Volume 1: Executive summary  
[NASA-CR-151578] p0061 N78-14776  
STARPAHC systems report. Volume 2: Operational performance  
[NASA-CR-151579] p0061 N78-14777

# S

## S BAND

### U SUPERHIGH FREQUENCIES

### U ULTRAHIGH FREQUENCIES

## SACCADIC EYE MOVEMENTS

Corrective saccades - Effects of altering visual feedback  
p0137 A78-30739  
Error-correcting mechanisms in large saccades  
p0212 A78-40580  
Nonadditivity of vergence and saccadic eye movement  
p0221 A78-43184  
How presaccadic gratings modify postsaccadic modulation transfer function  
p0295 A78-51953  
Contrast sensitivity during saccadic eye movements  
p0295 A78-51954  
Saccadic eye movements and localization of visual stimuli  
p0299 A78-53083  
An automated saccade analysis system  
p0123 N78-19747

## SACCHARIDES

### U CARBOHYDRATES

## SAFETY

### NT AIRCRAFT SAFETY

### NT FLIGHT SAFETY

### NT INDUSTRIAL SAFETY

A preliminary human engineering evaluation of hyperbaric control systems  
[AD-A044044] p0040 N78-12661  
Health and safety of high voltage transmission lines  
[UR-3490-1255] p0248 N78-28792

## SAFETY DEVICES

### NT EJECTION SEATS

### NT HELMETS

### NT SEAT BELTS

### NT SPACE SUITS

Nonlinear numerical prediction of human head/helmet crash impact response  
p0073 A78-21702  
Reviews on research and development with respect to the life support equipments in JASDF and its perspectives  
p0293 A78-51499

Inflatable body and head restraint  
[AD-A046477] p0068 N78-15702

Anthropometry: Basic studies and applications, volume 2. A bibliography with abstracts  
[NTIS/PS-78/0866/0] p0316 N78-33726

Vehicle integration and evaluation of advanced restraint systems. Restraint system analysis report  
[PB-281475/4] p0319 N78-33744

## SAFETY FACTORS

Oxygen system maintenance guide  
[SAE AIR 1392] p0239 A78-44697  
Safety considerations in human engineering of hyperbaric equipment  
[AD-A046839] p0068 N78-15701  
Technical and scientific aspects of sanitary and safety problems in nuclear energy production

[ISS-P-76/9] p0113 N78-18706

Safety helmet-head interaction study using high-speed cineradiography

[PB-277289] p0209 N78-25772

## SAFETY MANAGEMENT

Materials safety data sheets: The basis for control of toxic chemicals, volume 2  
[ORNL/TM-5722] p0044 N78-13729

Materials safety data sheets: The basis for control of toxic chemicals, volume 1  
[ORNL/TM-5721-VOL-1] p0044 N78-13730

Toxic substances alert program  
[NASA-TM-73866] p0144 N78-20755

## SAILPLANES

### U GLIDERS

## SALINITY

Growth of fungi in NaCl-MgSO<sub>4</sub> brines  
p0268 A78-48653

## SALYUT SPACE STATION

Preliminary results of medical investigations during manned flights of the Salyut 4 Orbital Station  
p0030 A78-15199

Biological experiments on the orbital station Salyut 4  
p0030 A78-15207

Peculiar characteristics of crewmembers' metabolism on the second expedition aboard orbital station Salyut-4  
p0265 A78-48080

Biological investigations on the orbital station 'Salyut-5'  
p0269 A78-48679

Basic results of the medical research conducted during the flight of two crews on the Salyut-5 orbital station  
[NASA-TM-75070] p0088 N78-16607

Main results of medical research conducted during the flight of two crews on the Salyut-5 orbital station  
p0110 N78-18684

Distinctions of fluid and electrolyte metabolism and renal function in crew members of the first Salyut-4 expedition  
p0110 N78-18685

Studies of circulation during LBNP test aboard Salyut-4 orbital stations  
p0115 N78-18719

Provisions for radiation safety of the crew of the second expedition on Salyut-4  
p0124 N78-19758

Changes in peripheral blood of crew members of the Salyut-4 orbital station  
p0174 N78-22669

Immunological reactivity and prediction of allergic complications in the crew of the second expedition of Salyut-4  
p0183 N78-23710

Space suit used aboard Salyut-6 described  
p0234 N78-28038

Biological experiments on board Salyut-6  
p0319 N78-34032

## SAMPLED DATA

### U DATA SAMPLING

## SAMPLED DATA SYSTEMS

### U DATA SAMPLING

## SAMPLES

### NT MARS SURFACE SAMPLES

## SAMPLING

### NT DATA SAMPLING

### NT PARTICULATE SAMPLING

Fluid sample collection and distribution system  
[NASA-CASE-MSC-16841-1] p0166 N78-22590

## SATELLITE MANEUVERS

### U SPACECRAFT MANEUVERS

## SATELLITES

### NT BIOSATELLITES

### NT COSMOS SATELLITES

### NT COSMOS 782 SATELLITE

### NT COSMOS 936 SATELLITE

### NT ORBITAL SPACE STATIONS

The Orbiting Primate Experiment (OPE)  
p0009 N78-11666

## SAWS

Proceedings of the international occupational hand-arm vibration conference  
[DHEW/PUB/NIOSH-77/174] p0205 N78-24799

## SCALE EFFECT

Ride quality research techniques: Section on

- scaling techniques p0014 N78-11709
- SCALE MODELS**  
 Use of half-scale modeling for optimizing systems of manual control --- for spacecraft p0021 A78-13582  
 On scaling techniques p0014 N78-11711  
 Matters of simulation of the semicircular canal system [NASA-TM-75230] p0088 N78-16610  
 A model of blood flows studies p0178 N78-22698
- SCANNERS**  
 Two-dimensional echocardiography with a wide angle /60 deg/ sector scanner p0001 A78-10498
- SCANNING**  
 Airline pilot scanning behavior during approaches and landing in a Boeing 737 simulator p0054 A78-18798  
 A reaction time analysis of instrument scanning --- by aircraft pilots p0272 A78-49275
- SCANNING DEVICES**  
 U SCANNERS
- SCATTERING**  
 NT BACKSCATTERING  
 NT LIGHT SCATTERING
- SCENE ANALYSIS**  
 Two methods for the investigation of visual positional perception on the basis of synthetically produced representations for visual flight simulation --- German thesis p0296 A78-52497  
 Sensory information processing [AD-A047200] p0089 N78-16618
- SCHEDULING**  
 NT PREDICTION ANALYSIS TECHNIQUES  
 The organization of work schedules for air traffic controllers p0020 A78-13515
- SCIENTIFIC INSTRUMENT MODULES**  
 U SIC
- SCREENS**  
 A literature review: Problem definition studies on selected toxic chemicals. Volume 4: Occupational health and safety aspects of the fog oils SGP No. 1 and SGP No. 2 and smoke screens generated from them [AD-A055903] p0310 N78-32709
- SCRUBBERS**  
 A comparison of the relative merits of Baralyme and Sodasorb [AD-A052559] p0206 N78-24804
- SCRUBBING**  
 U WASHING
- SEA GRASSES**  
 Compiled data on the vascular aquatic plant program, 1975 - 1977 --- for sewage lagoon [NASA-TM-79511] p0223 N78-26715  
 Seagrass literature survey [AD-A054480] p0252 N78-29729
- SEA WATER**  
 Antifouling activity of phytotoxic compounds and experimental polymeric algicides [NRL-R-698] p0148 N78-21747  
 The effect of seawater on thermoregulator centers [NASA-TM-75443] p0305 N78-32669
- SEALS (STOPPERS)**  
 NT HEPHETIC SEALS
- SEARCH FOR EXTRATERRESTRIAL INTELLIGENCE**  
 U PROJECT SETI
- SEARCH PROFILES**  
 The search for extraterrestrial intelligence (SETI) [NASA-SP-419] p0122 N78-18771
- SEARCHING**  
 NT SEARCH PROFILES
- SEAT BELTS**  
 Seat belt performance in 30 M.P.H. barrier impacts [PB-269962/7] p0015 N78-11721  
 Standard specification for safety belt assemblies, harnesses, and lap belts for use in motor vehicles [SABS-724-1977] p0205 N78-24796  
 Evaluation of seating and restraint systems and anthropomorphic dummies conducted during fiscal year 1977 [AD-A056905] p0317 N78-33737
- SEATS**  
 NT EJECTION SEATS  
 Development and validation of drive concepts for an advanced G-cuing system --- fighter/attack aircraft flying training simulators [AIAA 78-1571] p0289 A78-50652  
 Development of the Advanced G Cuing System --- tactical flight simulators [AIAA 78-1572] p0289 A78-50653  
 Pilot tracking performance as a function of G stress and seat back angle [AD-A042950] p0006 N78-10695  
 Selected design parameters for reclining seats based on engineering anthropometry [AD-A048458] p0122 N78-18769  
 Evaluation of seating and restraint systems and anthropomorphic dummies conducted during fiscal year 1976 [AD-A051691] p0205 N78-24798  
 G-seat system step input and sinusoidal response characteristics [NASA-TM-78478] p0226 N78-26741  
 Child restraint systems for civil aircraft [AD-A053565] p0233 N78-27774  
 A seat cushion to provide realistic acceleration cues for aircraft simulator pilots [NASA-CASE-LAR-12149-2] p0278 N78-30821  
 Evaluation of seating and restraint systems and anthropomorphic dummies conducted during fiscal year 1977 [AD-A056905] p0317 N78-33737  
 G-seat component development [AD-A055533] p0318 N78-33740  
 Emulation of an advanced G-seat on the advanced simulator for pilot training [AD-A055532] p0318 N78-33741
- SECONDARY EMISSION**  
 A note on the tissue star dose in personnel radiation monitoring in space [NASA-CR-151724] p0208 N78-25758
- SECRETIONS**  
 NT ADRENOCORTICOTROPIN (ACTH)  
 NT ENDOCRINE SECRETIONS  
 NT ESTROGENS  
 NT HORMONES  
 NT INSULIN  
 NT PITUITARY HORMONES  
 NT SWEAT  
 Diurnal rhythm of secretion of 17-oxy corticoids during local and uniform production work p0129 A78-28488  
 Reaction of the digestive system to the effect of spaceflight factors p0194 A78-36639  
 State of hypothalamo-hypophyseal neurosecretory system during hyperbaric oxygenation p0273 A78-49700  
 Milk secretion of Zn-65 in the goat after oral intake of radiozinc [FOA-C-40069-A3] p0252 N78-29731
- SECULAR PERTURBATION**  
 U LONG TERM EFFECTS
- SEEDS**  
 Preliminary results of the Biobloc experiment on the Cosmos 782 flight - Effects of cosmic rays on brine shrimp eggs and tobacco seeds p0029 A78-15195  
 Effect of weightlessness and of artificial gravity on irradiated lettuce seeds p0031 A78-15210  
 Pine seed germination at zero gravity /A Cosmos-782 experiment/ p0051 A78-18523  
 Results of biological experiments performed during flights --- onboard Soyuz spacecraft p0194 A78-36641  
 The action of space flight factors on radiation effects of additional gamma-irradiation of seeds p0268 A78-48611  
 Pine seed germination under weightlessness (a study of the Cosmos 782 satellite) [NASA-TM-75080] p0063 N78-15667  
 Evaluation of several methods of establishing plant cover by seeding on the roadside [PB-278275/3] p0228 N78-27739
- SELECTION**  
 NT PERSONNEL SELECTION  
 NT PILOT SELECTION

# SELF DEPLOYING SPACE STATIONS

# SUBJECT INDEX

Respirator selection  
[LA-UR-78-119] p0312 N78-32725

SELF DEPLOYING SPACE STATIONS

U SPACE STATIONS

SELF MANEUVERING UNITS  
Results of an investigation of the rotation of a  
man in space p0153 A78-33253

SELF ORGANIZING SYSTEMS  
The matching of biological and technical elements  
and systems [NASA-TM-75313] p0228 N78-27738

SELF OSCILLATION  
Multichambered self-oscillating models of  
biological systems with nonspecific inhibition  
of active transport p0213 A78-41009

SELF REGULATING

U AUTONATIC CONTROL

SEMICIRCULAR CANALS  
Integration of semicircular canal and otolith  
information for multisensory orientation stimuli  
p0004 A78-12607

Biped stability considerations with vestibular  
models p0083 A78-23882

Mechanisms of interaction between receptors of the  
vestibular system --- Russian book p0266 A78-48522

Matters of simulation of the semicircular canal  
system [NASA-TM-75230] p0088 N78-16610

The configuration of movement of the semicircular  
canal cupula p0144 N78-20750

Vestibular reactions to long-term caloric  
stimulation of the rabbit labyrinth [NASA-TM-75528] p0228 N78-27735

The interaction between the utricles and the  
semicircular canals during eccentric rotation p0314 N78-33714

SEMICONDUCTORS (MATERIALS)  
Improved semiconductors for photovoltaic solar cells  
[DSE/2457-5] p0256 N78-29759

SENSE ORGANS

NT BARORECEPTORS

NT CHEMORECEPTORS

NT COCHLEA

NT CORNEA

NT CORTI ORGAN

NT EAR

NT EARDRUMS

NT EYE (ANATOMY)

NT FOVEA

NT GRAVIRECEPTORS

NT LABYRINTH

NT MECHANORECEPTORS

NT MIDDLE EAR

NT OCULOMOTOR NERVES

NT OTOLITH ORGANS

NT PHOTORECEPTORS

NT RETINA

NT SEMICIRCULAR CANALS

NT THERMORECEPTORS

NT VESTIBULES

SENSES

U SENSORY PERCEPTION

SENSIBILITY

U SENSITIVITY

SENSITIVITY

NT IMPACT RESISTANCE

NT LIGHT ADAPTATION

NT PAIN SENSITIVITY

NT PHOTSENSITIVITY

NT RADIATION TOLERANCE

NT SENSITOMETRY

NT SPECTRAL SENSITIVITY  
Human engineering evaluation of a cockpit  
display/input device using a touch sensitive  
screen p0223 N78-26056

SENSITIZING  
Photodynamic effects induced in man by sensitizers  
and visible radiation p0145 N78-20764

SENSITOMETRY  
Condition sensor system and method  
[NASA-CASE-MSC-14805-1] p0311 N78-32720

SENSORIMOTOR PERFORMANCE

NT PSYCHOMOTOR PERFORMANCE

NT PSYCHOSOMATICS  
The forming of sensory motor habits of control and  
the verification of their stability as a factor  
in the increased reliability of an operator in a  
technical system complex p0022 A78-13587

Complex evaluation of the functional state of a  
human operator in control systems p0023 A78-13597

Defining the boundary in a positioning task p0037 A78-17124

Evaluating the role of sensory innervation of  
extraocular muscles in the habituation of  
vestibulo-oculomotor responses p0081 A78-22500

Cardiac, EEG, and motor components of the  
unconditioned reaction to acoustic stimulus  
during wakefulness and slow-wave sleep p0104 A78-27669

Quantitative models of motor responses subject to  
longitudinal, lateral, and preview constraints p0132 A78-29540

Corrective saccades - Effects of altering visual  
feedback p0137 A78-30739

Measurement of human vertical fusional response p0155 A78-34337

Spaceflight stress factors and the ability to track p0263 A78-47973

Visual-motor coordination in the simulation of  
10-day reduced gravity p0263 A78-47976

Mechanisms of self-regulation of the functional  
system of tracking in normal and pathological  
states p0263 A78-47979

Visual work capacity of an operator p0264 A78-47985

Residual attention as a predictor of pilot  
performance p0272 A78-49274

Visual response time to colored stimuli in  
peripheral retina - Evidence for binocular  
summation p0294 A78-51871

Sensory components of bite-force response in the rat p0294 A78-51875

Translations on USSR science and technology:  
Biomedical and behavioral sciences, no. 18  
[JPBS-70395] p0089 N78-16615

In-flight recording of helicopter pilot activity  
--- head and hand movements p0090 N78-16624

Effects of ethanol on visual unit activity in the  
thalamus [AD-A050922] p0148 N78-21754

Influence of location of indicators on  
psychophysiological distinctions of combined  
activity --- positioning display devices and  
flight instruments p0184 N78-23716

SENSORS  
Effect of hand-based sensors on manipulator  
control performance p0136 A78-30510

SENSORY DEPRIVATION  
The possibility of studying ageusia during  
weightlessness by the electrogustometric method p0106 A78-28325

Coding processes in preselected and constrained  
movements - Effect of vision p0138 A78-31748

Sensory deprivation and social isolation as  
problems of space psychology - Interpretation of  
Antarctic and laboratory data p0294 A78-51887

SENSORY DISCRIMINATION

NT BRIGHTNESS DISCRIMINATION

NT TACTILE DISCRIMINATION

NT VISUAL DISCRIMINATION  
Remarks on tonal threshold and voice  
discrimination during negative acceleration in  
normal subjects and in subjects who have  
undergone endolymphatic-cerebrospinal fluid  
shunt operations p0020 A78-13512

- The effects of different speakers on the word discrimination scopes of persons with sensori-neural hearing impairment p0064 A78-15674
- SENSORY FEEDBACK**
- Adaptation to delayed auditory feedback p0036 A78-16825
- Combined use of autogenic therapy and biofeedback in training effective control of heart rate by humans p0047 A78-17218
- Observed differences in learning ability of heart rate self-regulation as a function of hypnotic susceptibility p0047 A78-17219
- Learned control of multiple autonomic responses to compensate for the debilitating effects of motion sickness p0047 A78-17220
- Psychosomatic health: Simultaneous control of multiple autonomic responses by humans - A training method p0047 A78-17221
- Possibility of existence of an auditory-feedback mechanism at the periphery of hearing p0106 A78-28122
- Corrective saccades - Effects of altering visual feedback p0137 A78-30739
- Possibility of voluntary regulation of the heart rate p0218 A78-42657
- A study of physiologically motivated mathematical models for human postural control p0040 A78-12655
- The effect of various augmented visual feedback techniques on adult skeletal muscle p0177 A78-22690
- SENSORY PERCEPTION**
- NT AUDITORY PERCEPTION
- NT AUTOKINESIS
- NT CONSCIOUSNESS
- NT CRITICAL FLICKER FUSION
- NT PAIN
- NT PAIN SENSITIVITY
- NT PROPRIOCEPTION
- NT SPACE PERCEPTION
- NT TACTILE DISCRIMINATION
- NT TASTE
- NT TOUCH
- NT VERTICAL PERCEPTION
- NT VIBRATION PERCEPTION
- NT VISUAL DISCRIMINATION
- NT VISUAL PERCEPTION
- An experimental analysis of the multiplication of a slow wave of an evoked potential --- neurophysiology p0135 A78-30397
- Repeated observation of an uncertain signal --- sensory adaptation p0156 A78-34679
- Signal detection and identification at successive stages of observation --- sensory perception p0156 A78-34680
- Method of investigating perceptual extrapolation p0262 A78-47963
- Human perception of moderate strength low frequency magnetic fields p0062 A78-14782
- Electrophysiologic and pharmacologic properties of mammalian sensory neurons p0227 A78-27732
- SENSORY STIMULATION**
- Integration of semicircular canal and otolith information for multisensory orientation stimuli p0004 A78-12607
- A phantom-motion aftereffect --- residual effects from retinal stimulation p0034 A78-15947
- Incremental exposure facilitates adaptation to sensory rearrangement --- vestibular stimulation patterns p0100 A78-26729
- Postural illusions experienced during Z-axis recumbent rotation and their dependence upon somatosensory stimulation of the body surface p0134 A78-29561
- Bioengineering approach to the study of mechanisms of coding of external stimuli in the human retina and the role of these mechanisms in the visual process p0239 A78-45320
- Vestibular reactions to long-term caloric stimulation of the rabbit labyrinth [NASA-TM-75528] p0228 A78-27735
- SENTENCES**
- NT WORDS (LANGUAGE)
- Investigation of an alternative response task for synthetic sentence index p0232 A78-27768
- SEPARATORS**
- NT AIR FILTERS
- NT FLUID FILTERS
- SEQUENCING**
- Knowledge-based adaptive curriculum sequencing for CAI: Application of a network representation [AD-A047090] p0089 A78-16619
- SEQUENTIAL ANALYSIS**
- Sequential expectancy in visual search p0054 A78-18825
- SERIES (MATHEMATICS)**
- NT TAYLOR SERIES
- SEROTONIN**
- Serotonin involvement in pituitary-adrenal function p0267 A78-48575
- SERUMS**
- Total cholesterol and high density lipoprotein cholesterol /H.D.L.-ch./ in serum of aged pilots for predicting atherosclerotic diseases p0238 A78-44348
- SERVICE LIFE**
- Service life analysis of the SPH-4 aviator helmet p0018 A78-13271
- SERVICES**
- NT MEDICAL SERVICES
- SERVOCONTROL**
- Myocardial oxygen consumption - The role of wall force and shortening p0019 A78-13483
- Compliance of a manipulator p0154 A78-33887
- On the predictive, precognitive and preview manual tracking systems p0160 A78-35924
- Control of a flexible manipulator arm p0260 A78-47541
- A comparison of control modes for time delayed remote manipulation p0285 A78-31737
- SERVOSTABILITY CONTROL**
- U SERVOCONTROL
- SETI**
- U PROJECT SETI
- SEWAGE TREATMENT**
- Compiled data on the vascular aquatic plant program, 1975 - 1977 --- for sewage lagoon [NASA-TM-79511] p0223 A78-26715
- Biochemical oxygen demand, volume 2. A bibliography with abstracts [NTIS/PS-78/0574/0] p0275 A78-30801
- Biochemical oxygen demand, volume 3. A bibliography with abstracts [NTIS/PS-78/0575/7] p0276 A78-30802
- SEX FACTOR**
- Penur-bending properties as influenced by gravity. III Sex-related weakness after 4-G mouse growth p0017 A78-13266
- The role of professional and sexual factors in the auditory evaluation of emotionally tinged speech p0023 A78-13601
- The orthogonal electrocardiogram in normal women - Implications of sex differences in diagnostic electrocardiography p0057 A78-20362
- Comparison of exercise responses of males and females during acute exposure to hypobaria p0102 A78-26738
- Sexual variations in thermoregulation during heat stress p0157 A78-35108
- Hormonal indices of tolerance to +Gz acceleration in female subjects --- personnel selection in Shuttle program p0215 A78-41162
- Different prognostic value of exercise electrocardiogram in men and women p0220 A78-42925

## SEX GLANDS

## SUBJECT INDEX

- Comparison of the vigilance performance of men and women using a simulated radar task p0298 A78-52642
- A comparison of the vigilance performance of men and women using a simulated radar task [AD-A053674] p0232 N78-27769
- SEX GLANDS**  
 NT GONADS  
 NT TESTES
- SHANKS**  
 U JOINTS (JUNCTIONS)
- SHANNON INFORMATION THEORY**  
**J INFORMATION THEORY**
- SHAPES**  
 NT T SHAPE
- SHELLS (STRUCTURAL FORMS)**  
 NT ELASTIC SHELLS  
 NT LIQUID FILLED SHELLS  
 NT SPHERICAL SHELLS
- SHIELDING**  
 NT SOLAR RADIATION SHIELDING  
 Hemopoiesis in dogs exposed to lethal doses of protons with shielded bone marrow p0116 N78-18728
- SHIPS**  
 NT AIRCRAFT CARRIERS  
 NT SUBMARINES  
 Research on manned system design using Operator Measures and Criteria (OMAC) data [AD-A046464] p0067 N78-15697  
 Prevention of hypertensive states in ship crews out at sea p0120 N78-18759  
 Biodegradation of shipboard wastewater in collection, holding, and transfer tanks [AD-A053643] p0251 N78-29726
- SHOCK (PHYSIOLOGY)**  
 The importance of the Myocardial Depressant Factor (MDF) for the occurrence of irreversible shock. A literature study [MBL-1977-5] p0253 N78-29743
- SHOCK ABSORBERS**  
 The effect of energy absorbing devices on spinal loads resulting from minus G(x) acceleration p0181 N78-22717
- SHOCK RESISTANCE**  
 NT IMPACT RESISTANCE  
 Application and effectiveness of prophylactic devices in model experiments [NASA-TN-75074] p0088 N78-16609
- SHOCK WAVES**  
 NT SONIC BOOMS
- SHOES**  
 Standard specification for the production of men's protective shoes with stuck-on pre-moulded unit soles and heels [SABS-1167-1977] p0208 N78-25764  
 Standard specification for the production of men's protective shoes with direct vulcanized soles and heels [SABS-1168-1977] p0208 N78-25765
- SHORT TAKEOFF AIRCRAFT**  
 Contributions regarding work load measurement and learning behavior in simulated STOL approaches --- German book p0296 A78-52499
- SHORT WAVE RADIATION**  
 NT MICROWAVE EMISSION  
 NT MICROWAVES  
 NT MILLIMETER WAVES
- SHOULDERS**  
 A mathematical analysis of the musculo-skeletal system of the human shoulder joint p0087 N78-16599
- SHUNTS**  
 U BYPASSES
- SICKNESSES**  
 NT ALTITUDE SICKNESS  
 NT DECOMPRESSION SICKNESS  
 Aircraft fuel crews - Occupational hazards and sicknesses p0139 A78-31803
- SIGHT**  
 U VISUAL PERCEPTION
- SIGNAL ANALYSIS**  
 Second-order correlation functions and bi-spectra in biological-rhythm research p0004 A78-12601
- A prototype system for automated interpretation of vectorcardiograms p0083 A78-23881
- Efficient digitization methods for electrocardiograms p0083 A78-23904
- Processing of echocardiographic data for automatic detection of moving heart structures p0228 N78-27741
- SIGNAL DETECTION**  
 Signal detection in psychoacoustics p0003 A78-12000  
 Repeated observation of an uncertain signal --- sensory adaptation p0156 A78-34679  
 Signal detection and identification at successive stages of observation --- sensory perception p0156 A78-34680
- SIGNAL ENCODING**  
 Bioengineering approach to the study of mechanisms of coding of external stimuli in the human retina and the role of these mechanisms in the visual process p0239 A78-45320
- SIGNAL PROCESSING**  
 Portable heart rate recorder with PLL circuit --- Phase Locked Loop p0196 A78-37235
- SIGNAL TRANSMISSION**  
 NT BIOTELEMETRY  
 NT RADIO TELEMETRY  
 NT TELEVISION TRANSMISSION
- SIGNS AND SYMPTOMS**  
 NT BRADYCARDIA  
 NT VERTIGO  
 Possible mechanisms of motion and space sickness p0170 N78-22631
- SILICA**  
 U SILICON DIOXIDE
- SILICON**  
 Optimization of the material for construction of the new protective mask [AD-A053331] p0209 N78-25769
- SILICON COMPOUNDS**  
 NT SILICON DIOXIDE
- SILICON DIOXIDE**  
 Silica dust test for respiratory protective devices [PB-278019/5] p0227 N78-26746
- SILICON OXIDES**  
 NT SILICON DIOXIDE
- SILICON SOLAR CELLS**  
 U SOLAR CELLS
- SIM**  
 Closed loop models for analyzing the effects of simulator characteristics --- pilot performance/workload prediction [AIAA 78-1592] p0291 A78-50667
- SIMULATED ALTITUDE**  
 U ALTITUDE SIMULATION
- SIMULATION**  
 NT ACOUSTIC SIMULATION  
 NT ALTITUDE SIMULATION  
 NT ANALOG SIMULATION  
 NT COMPUTERIZED SIMULATION  
 NT CONTROL SIMULATION  
 NT DIGITAL SIMULATION  
 NT ENVIRONMENT SIMULATION  
 NT FLIGHT SIMULATION  
 NT LANDING SIMULATION  
 NT SPACE ENVIRONMENT SIMULATION  
 NT WEIGHTLESSNESS SIMULATION  
 Gas transport in artificial lungs: Limitations and improvements p0005 N78-10688
- SIMULATOR TRAINING**  
 U TRAINING SIMULATORS
- SIMULATORS**  
 NT COCKPIT SIMULATORS  
 NT CONTROL SIMULATION  
 NT ENVIRONMENT SIMULATORS  
 NT FLIGHT SIMULATORS  
 NT MOTION SIMULATORS  
 NT SPACE SIMULATORS  
 NT TARGET SIMULATORS  
 NT TRAINING SIMULATORS  
 Objective methods for developing indices of pilot workload [AD-A044556/9] p0067 N78-15695

- Simulator pilot consoles for WAS enroute and ARTS  
3 facilities  
[AD-A047567/3] p0126 A78-19769
- SINE WAVES**  
Latency changes in the human visual evoked  
response to sinusoidal gratings p0025 A78-14416
- Perimetry of contrast detection thresholds of  
moving spatial sine wave patterns. I - The near  
peripheral visual field /eccentricity 0-8 deg/.  
II - The far peripheral visual field  
/eccentricity 0-50 deg/. III - The target extent  
as a sensitivity controlling parameter. IV - The  
influence of the mean retinal illuminance  
p0217 A78-42473
- SINUSOIDS**  
U SINE WAVES
- SITTING POSITION**  
Empirical model of intracranial pressure and head  
motion resulting from a vibrating seated rhesus  
p0076 A78-21720
- Determination of optimum vibroisolation systems  
for a sitting human operator p0076 A78-21722
- Nonlinear behavior of sitting humans under  
increasing gravity p0077 A78-21725
- Biomechanical models for vibration feedthrough to  
hands and head for a semisupine pilot  
p0077 A78-21727
- Comparison of several G-tolerance measuring  
methods at various seatback angles p0101 A78-26732
- Effective compliance of the circulation in the  
upright sitting posture p0197 A78-38009
- The effect of rotational vibration in roll and  
pitch axes on the discomfort of seated subjects  
p0274 A78-50080
- The transmission of vertical vibration to the  
heads and shoulders of seated men  
[RAE-TR-77068] p0189 A78-23750
- SKELETON**  
U MUSCULOSKELETAL SYSTEM
- SKIN (ANATOMY)**  
Altered control of skin blood flow during exercise  
at high internal temperatures p0033 A78-15519
- Study of cosmonaut integument microflora  
p0194 A78-36640
- Thermal characterization of superficial living  
tissues which have undergone different types of  
trauma [ONERA, TP NO. 1978-35] p0200 A78-39581
- Characteristics of electrical parameters of human  
skin during adaptation to high-altitude conditions  
p0213 A78-41013
- Use of the auricle-floor temperature of the rabbit  
as an index of skin blood flow p0303 A78-53792
- The influence of strain rate on the mechanical  
properties of human skin and subcutaneous tissue  
p0179 A78-22700
- Modelling the thermal effects of blood flow in  
human skin p0179 A78-22703
- Development and evaluation of heat transfer  
equations for a model of clothed man p0182 A78-22722
- Possibility of retaining thermal balance of the  
human body in an extremely rarefied atmosphere  
by means of vacuum evaporation of perspiration  
from the body surface p0184 A78-23715
- Thermal model of laser-induced skin damage:  
Computer program operator's manual  
[AD-A053416] p0253 A78-29738
- Topical hazard evaluation program of candidate  
insect repellent AI3-36331, US Department of  
Agriculture propriety compound [AD-A054216] p0253 A78-29741
- Laser-induced thermal damage of skin  
[AD-A054612] p0276 A78-30810
- SKIN RESISTANCE**  
Temperature-dependent alterations of the  
surface-EMG and ECG - An investigation of the  
electrical transfer characteristics of the human  
skin p0057 A78-20340
- SKIN TEMPERATURE (BIOLOGY)**  
Temperature-dependent alterations of the  
surface-EMG and ECG - An investigation of the  
electrical transfer characteristics of the human  
skin p0057 A78-20340
- Response of neurons of associative nuclei in the  
thalamus during thermal action on the anterior  
hypothalamus and the skin p0156 A78-34784
- Heat loss from the skin surface of the human body  
- Deductions from a symmetry of constant mean  
surface curvature p0201 A78-39748
- Convergence of skin and rectal temperatures as a  
criterion for heat tolerance p0265 A78-48083
- SKULL**  
Axisymmetric vibration of human skull-brain system  
p0134 A78-29591
- SKYLAB PROGRAM**  
Metabolic energy requirements during manned  
orbital Skylab missions p0029 A78-15198
- Observations in energy balance in man during  
spaceflight p0048 A78-17645
- Evaporative water loss in man in a gravity-free  
environment p0297 A78-52543
- Summary of past findings in biomedical research  
accumulated during Apollo and Skylab missions  
p0169 A78-22620
- SLANT PERCEPTION**  
U SPACE PERCEPTION
- SLEEP**  
NT HYPNOSIS
- Inversion of the sleep wakefulness pattern -  
Effects on circadian variations in  
psychophysiological activation p0019 A78-13476
- Flurazepam effects on slow-wave sleep - Stage 4  
suppressed but number of delta waves constant  
p0032 A78-15312
- Factor analysis of changes in sleep in the cat  
following emotional stress p0100 A78-26608
- Effects of rapidly rotating shifts on sleep  
patterns and sleep structure p0101 A78-26733
- Classification of sleep stage with period analysis  
features derived from the EEG p0101 A78-26737
- Study of sleep in shift workers with alternating  
schedules - Adaptation and recovery in the case  
of rapid shift rotation /3-4 days/ p0103 A78-26747
- Cardiac, EEG, and motor components of the  
unconditioned reaction to acoustic stimulus  
during wakefulness and slow-wave sleep p0104 A78-27669
- Characteristics of the local temperature of  
isolated cortex during wakefulness and  
alternation of sleep stages p0107 A78-28449
- Cardiac rhythm during wakefulness and different  
stages of sleep p0129 A78-28491
- Effects of high ambient temperature on sleep in  
young men p0214 A78-41158
- Effects of exercise on sleep p0217 A78-42006
- Rhythm of heart contractions in different stages  
of sleep and during wakefulness p0218 A78-42659
- Evolution of sleep: Stages of formation of the  
wakefulness-sleep cycle in a number of vertebrates  
--- Russian book p0266 A78-48524
- Vestibular functions and sleep in space experiments  
--- using rhesus and owl monkeys p0009 A78-11670
- Sleep stage classification using beat-by-beat  
heart rate data p0086 A78-16591
- Sleep wakefulness determinations from heart rate  
data, volume 3 [AD-A045817] p0113 A78-18703

- The effect of the benzodiazepine adumbran on the resting and sleep EEG and on the visual evoked potential in adult man  
[RAE-LTB-TRANS-1906] p0187 N78-23736
- Hypoxic conditioning in kittens: Sleep-waking state and cardiorespiratory responses p0245 N78-28774
- Instruments and methodology for the assessment of physiological cost of performance of stressful continuous operations: The air traffic services tower environment p0287 N78-31752
- SLEEP DEPRIVATION**
- Noise-induced sleep disturbances and their effects on health p0240 A78-45508
- Operator activity in a state of continuous wakefulness p0262 A78-47969
- Performance, mood, and clinical symptoms in men exposed to prolonged, severe physical work and sleep deprivation p0265 A78-48079
- Role of the paradoxical phase in the organization of the sleep-wakefulness cycle in the rat p0302 A78-53786
- REM deprivation by stimulation of the reticular formation in the rat p0302 A78-53787
- SLOPES**
- NT GLIDE PATHS**
- SMOKE**
- The influence of tobacco from a medical standpoint on French pilots p0094 N78-17660
- Toxicological investigation of zinc and titanium smoke compositions. A literature study [POA-C-40072-H2] p0254 N78-29744
- A literature review: Problem definition studies on selected toxic chemicals. Volume 4: Occupational health and safety aspects of the fog oils SGF No. 1 and SGF No. 2 and smoke screens generated from them [AD-A055903] p0310 N78-32709
- SMU (MANEUVERING UNITS)**
- U SELF MANEUVERING UNITS**
- SOCIAL ISOLATION**
- Means for optimization of group interaction under conditions of prolonged isolation p0022 A78-13594
- Isolation and confinement - Considerations for colonization [AAS 77-245] p0195 A78-36730
- Sensory deprivation and social isolation as problems of space psychology - Interpretation of Antarctic and laboratory data p0294 A78-51887
- SOCIAL PSYCHIATRY**
- Assessment of future national and international problem areas. Volume 2: The effects of stress on individuals and society [SRI-77-206-VOL-2] p0043 N78-13726
- SOCIOLOGY**
- Assessment of future national and international problem areas. Volume 2: The effects of stress on individuals and society [SRI-77-206-VOL-2] p0043 N78-13726
- SODIUM**
- Normal sodium balance in dogs and in man p0004 A78-12524
- Renal sodium reabsorption following induction of and recovery from volume expansion p0049 A78-17647
- Influence of local decompression on serum sodium and potassium contents in athletes during exercise on a wrist ergograph p0129 A78-28493
- A technique for the in situ spectroscopic analysis of sodium concentrations in sweat p0063 N78-15669
- Water-salt exchange during bedrest of varying duration [NASA-TM-75077] p0065 N78-15683
- Electrolyte content of the myocardium, skeletal muscles and blood of rats during prolonged hypokinesia and readaption p0308 N78-32692
- The correlation of sodium and potassium metabolism with the level of energy consumption in man during adaptation to heat [NASA-TM-75331] p0309 N78-32704
- SODIUM COMPOUNDS**
- Metabolism of <sup>181</sup>W-labeled sodium tungstate in goats [POA-C-40070-A3] p0252 N78-29732
- SOFTWARE (COMPUTERS)**
- U COMPUTER PROGRAMS**
- U COMPUTER SYSTEMS PROGRAMS**
- SOIL SCIENCE**
- New microbial growth factor p0003 A78-12123
- Release of microorganisms from soil with respect to transmission electron microscopy viewing and plate counts p0003 A78-12124
- Detection of optical asymmetry in amino acids by gas chromatography for extraterrestrial space exploration - Results of a new soil processing scheme with breadboard instrumentation p0027 A78-15179
- Isolation and characterization of omnithermes and facultative anaerobes from Cape Canaveral soil samples p0028 A78-15183
- Determinations of microbial loads associated with microscopic-size particles of Kennedy Space Center soil p0028 A78-15184
- SOILS**
- Survival and reversion of a stable L form in soil p0212 A78-40875
- Volcanism and soil mercury on Mars - Consequences for terrestrial microorganisms p0268 A78-48670
- Degradation of biochemical activity in soil sterilized by dry heat and gamma radiation p0303 A78-53874
- SOLAR ACTIVITY**
- Population dynamics and rhythms of epizootics among rodents correlated with solar cycles p0163 N78-22566
- Periodic activity of natural foci of plague and its causes p0163 N78-22567
- The epidemic process as a function of solar activity p0163 N78-22568
- Effect of heliogeophysical factors on the evolution of infectious diseases of man p0163 N78-22569
- The biological activity of the disturbed geomagnetic field p0163 N78-22571
- Possible solar-activity factors affecting processes in the biosphere p0163 N78-22572
- A possible molecular mechanism by which solar activity affects biosphere processes --- associated with nonequilibrium of living systems p0164 N78-22574
- Solar activity and cardiovascular diseases p0164 N78-22575
- Sudden death from cardiovascular diseases and solar activity p0164 N78-22576
- Solar activity and the variation of blood coagulation between 1949 and 1966 p0164 N78-22577
- The influence of solar activity on the fibrinolytic system of the blood p0164 N78-22578
- The mechanism of the influence of solar-activity oscillations on the human organism --- effect on mortality and human nervous system p0164 N78-22579
- An experimental study of the ultralow-frequency electromagnetic fields on warmblooded animals and microorganisms p0164 N78-22580
- SOLAR ACTIVITY EFFECTS**
- The biosphere and active processes on the sun p0135 A78-29691
- Effects of Solar Activity on the Earth's Atmosphere and Biosphere [TT-75-50015] p0163 N78-22561
- SOLAR CELLS**
- Improved semiconductors for photovoltaic solar cells [DSE/2457-5] p0256 N78-29759
- SOLAR CYCLES**
- Population dynamics and rhythms of epizootics

- among rodents correlated with solar cycles  
p0163 N78-22566
- The epidemic process as a function of solar activity  
p0163 N78-22568
- Effect of heliogeophysical factors on the  
evolution of infectious diseases of man  
p0163 N78-22569
- SOLAR ENERGY CONVERSION**  
Potential of arid zone vegetation as a source of  
substrates  
[LBL-7214]  
p0245 N78-28777
- SOLAR GENERATORS**  
NT SOLAR CELLS
- SOLAR RADIATION SHIELDING**  
Outfitting for space --- extravehicular activity  
systems  
[AIAA PAPER 78-327]  
p0084 A78-24021
- SOLAR SYSTEM**  
Until the sun dies --- Book on origin of universe,  
life and intelligence on earth  
p0084 A78-24100
- SOLID ROTATION**  
U ROTATING BODIES
- SOLID STATE DEVICES**  
A silicon absolute pressure transducer for  
biomedical applications  
p0229 N78-27749
- SOLUTIONS**  
NT AQUEOUS SOLUTIONS  
NT NUCLEAR EMULSIONS
- SOLVENT EXTRACTION**  
Lipid extraction from isolated single nerve cells  
[NASA-TP-75043]  
p0011 N78-11687
- SOLVENTS**  
Occupational exposure to refined petroleum  
solvents. Criteria for a recommended standard  
[DHEW/PUB/NIOSH-77/192]  
p0204 N78-24790
- SONIC BOOMS**  
Application of the response probability density  
function technique to biodynamic models  
p0076 A78-21719
- Bleeding into inner ears of chinchillas caused by  
simulated sonic boom  
p0294 A78-51847
- Acute changes in inner ears of laboratory animals  
caused by simulated sonic booms  
[UTIAS-211]  
p0039 N78-12649
- SONOHOLOGRAPHY**  
U ACOUSTICAL HOLOGRAPHY
- SORBENTS**  
NT ABSORBENTS
- SORPTION**  
NT ADSORPTION  
Development of a prototype regeneration carbon  
dioxide absorber --- for use in EVA conditions  
[NASA-CR-152063]  
p0147 N78-20773
- SORTIE CAN**  
U SPACELAB
- SORTIE LAB**  
U SPACELAB
- SOUND**  
U ACOUSTICS
- SOUND ABSORPTION**  
U SOUND TRANSMISSION
- SOUND HOLOGRAPHY**  
U ACOUSTICAL HOLOGRAPHY
- SOUND INTENSITY**  
The relationship between the acoustic reflex and  
loudness discomfort in normal and sensorineural  
ears  
p0085 N78-16590
- The relationship between comfortable loudness  
range and most comfortable loudness for pure  
tones and speech in sensorineural hearing loss  
p0308 N78-32698
- SOUND MEASUREMENT**  
U ACOUSTIC MEASUREMENTS
- SOUND PERCEPTION**  
U AUDITORY PERCEPTION
- SOUND PRESSURE**  
The effect of sound duration on annoyance  
p0294 A78-51841
- SOUND TRANSMISSION**  
The effects of middle ear muscle contraction upon  
high level exposure to pure tones and upon the  
transmission of low level pure tones  
p0064 N78-15673
- SOUND WAVES**  
NT AIRCRAFT NOISE
- NT JET AIRCRAFT NOISE  
NT NOISE (SOUND)  
NT SONIC BOOMS
- SOUTHERN HEMISPHERE**  
NT ANTARCTIC REGIONS
- SOVIET SPACECRAFT**  
NT COSMOS SATELLITES  
NT COSMOS 782 SATELLITE  
NT COSMOS 936 SATELLITE  
NT SALTUT SPACE STATION
- SOVIET UNION**  
U U.S.S.R.
- SOYUZ SPACECRAFT**  
Space flights on Soyuz spacecraft: Biomedical  
studies --- Russian book  
p0193 A78-36626
- Purpose of the piloted Soyuz spacecraft and  
medical-biological investigations  
p0193 A78-36627
- Physiological hygiene studies --- for spacecraft  
environments  
p0193 A78-36629
- Onboard food rations and a system for providing  
water --- on Soyuz spacecraft  
p0193 A78-36630
- Radiation protection for Soyuz crews  
p0193 A78-36631
- The organization of work and rest for Soyuz crew  
members  
p0193 A78-36633
- Medical observations and investigations ---  
cosmonaut afterflight clinical examinations  
p0194 A78-36634
- Features of statokinetic reactions --- cosmonaut  
locomotive activity  
p0194 A78-36635
- Results of biological experiments performed during  
flights --- onboard Soyuz spacecraft  
p0194 A78-36641
- Measurement of radiation doses in the Soyuz-16  
spacecraft  
p0117 N78-18732
- Dynamics of cyclic and acyclic locomotion of the  
Soyuz-18 crew after a 63-day space mission  
p0118 N78-18740
- SPACE BASES**  
NT SPACE COLONIES
- SPACE BIOLOGY**  
U EXOBIOLOGY
- SPACE COLONIES**  
Isolation and confinement - Considerations for  
colonization  
[AAS 77-245]  
p0195 A78-36730
- Space colonization - Some physiological perspectives  
p0215 A78-41164
- SPACE ENVIRONMENT**  
U AEROSPACE ENVIRONMENTS
- SPACE ENVIRONMENT SIMULATION**  
NT WEIGHTLESSNESS SIMULATION  
Combined effect of flight factors --- on human  
organism  
p0036 A78-16794
- Operator activity in a state of continuous  
wakefulness  
p0262 A78-47969
- Human operator in a spacecraft control system  
during descent in the atmosphere  
p0263 A78-47970
- Manual control of astronaut attitude with a  
three-stage setup  
p0263 A78-47971
- Spaceflight stress factors and the ability to track  
p0263 A78-47973
- Visual-motor coordination in the simulation of  
10-day reduced gravity  
p0263 A78-47976
- Bioenergetics of control in the state of simulated  
weightlessness  
p0263 A78-47980
- A special photoproduct in DNA, UV-irradiated in  
vacuo  
p0268 A78-48623
- Effects on the human body of complex tests  
simulating flight conditions on the Salyut-4  
spacecraft  
p0176 N78-22682
- SPACE EXPLORATION**  
NT VIKING MARS PROGRAM



## SPACE FLIGHT

## SUBJECT INDEX

- Possibility of intelligent life elsewhere in the universe  
[GPO-98-185] p0063 N78-14791
- SPACE FLIGHT**
- NT MANNED REENTRY  
NT MANNED SPACE FLIGHT  
NT RETURN TO EARTH SPACE FLIGHT  
NT VIKING MARS PROGRAM
- Active rest in prolonged spaceflights as a psychological problem p0022 A78-13593
- Medical observations and investigations ---  
cosmonaut afterflight clinical examinations p0194 A78-36634
- Carbohydrate and lipid content of rat liver tissue following a 22-day space flight p0120 N78-18755
- Locomotor behavior of fish hatched from embryos exposed to flight conditions [NASA-CR-151633] p0122 N78-19742
- Fluid-electrolyte metabolism in albino rats after a flight on the Kosmos-690 biosatellite p0175 N78-22672
- Development of modern spacesuits p0312 N78-33034
- SPACE FLIGHT FEEDING**
- Onboard food rations and a system for providing water --- on Soyuz spacecraft p0193 A78-36630
- Effect of vitamin and amino acid supplements on human performance during heavy mental and physical work p0298 A78-52638
- Helmet feedport [NASA-CASE-IMS-09653] p0097 N78-17680
- Consumption of freeze-dried food in weightlessness --- for space flight feeding p0184 N78-23712
- SPACE FLIGHT STRESS**
- Effect of space flight on cell-mediated immunity p0018 A78-13270
- Motion sickness and otolith sensitivity - A pilot study of habituation to linear acceleration p0018 A78-13272
- Time base for the performance of functions by cosmonauts p0022 A78-13585
- Effect of the physical load on human biorhythms --- relating to space flight p0022 A78-13586
- Continuous 30-day measurements utilizing the monkey metabolism pod --- study of weightlessness effects p0030 A78-15201
- Biological experiments on the orbital station Salyut 4 p0030 A78-15207
- Apollo-Soyuz test project on biorhythms of zone-forming fungi - Preliminary work p0031 A78-15212
- Growth-rate periodicity of *Streptomyces levoris* during space flight p0031 A78-15213
- Apollo-Soyuz test project on biorhythms of zone-forming fungi - Results of experiments p0031 A78-15214
- Cardiovascular response during manned space flights [IAF PAPER 77-252] p0034 A78-15931
- Postural equilibrium following exposure to weightless space flight p0035 A78-16014
- Combined effect of flight factors --- on human organism p0036 A78-16794
- Observations in energy balance in man during spaceflight p0048 A78-17645
- Effect of antiorthostatic exposure on heart-rate dynamics and quality of tracking by human operator --- space flight simulation p0071 A78-21179
- Effect of certain space-flight factors on the vestibular system in man /based on data from domestic and foreign literature/ p0105 A78-27949
- Features of statokinetic reactions --- cosmonaut locomotive activity p0194 A78-36635
- Effect of space flights on blood circulation and gas exchange during functional loading p0194 A78-36636
- Results of biological experiments performed during flights --- onboard Soyuz spacecraft p0194 A78-36641
- Hypodynamia and the cardiovascular system --- Russian book p0197 A78-37884
- Effect of dehydration on erythropoiesis in mice - Relevance to the 'anemia' of space flight p0242 A78-46414
- Sensory deprivation as a problem of prolonged space flights p0259 A78-47484
- Characteristics of cosmonaut activities during flight --- Russian book p0261 A78-47951
- Adaptational fluctuations in the initial state of space flight --- astronaut performance p0261 A78-47953
- Medical problems of rationalizing the work-rest regimen of astronauts p0261 A78-47956
- Justification of the use of artificial gravity in space flight --- for optimal astronaut performance p0261 A78-47959
- Method of investigating perceptual extrapolation p0262 A78-47963
- Radio telegraphy as a realistic test for investigating an astronaut's activity p0262 A78-47964
- Spaceflight stress factors and the ability to track p0263 A78-47973
- Peculiar characteristics of crewmembers' metabolism on the second expedition aboard orbital station Salyut-4 p0265 A78-48080
- The action of space flight factors on radiation effects of additional gamma-irradiation of seeds p0268 A78-48611
- Biological investigations on the orbital station 'Salyut-5' p0269 A78-48679
- The mechanisms of development of morphological changes in mammals on biosatellites p0291 A78-50997
- Sensory deprivation and social isolation as problems of space psychology - Interpretation of Antarctic and laboratory data p0294 A78-51887
- The use of nonhuman primates in space [NASA-CP-005] p0008 N78-11663
- A review of animal flight experiments p0009 N78-11664
- Veterinary medical considerations for the use of nonhuman primates in space research p0009 N78-11671
- The rhesus monkey (*Macaca mulatta*) as a flight candidate p0010 N78-11674
- The chimpanzee as a flight candidate --- for cardiovascular studies p0010 N78-11675
- The squirrel monkey as a candidate for space flight p0010 N78-11676
- The capuchin monkey as a flight candidate p0010 N78-11677
- The pig-tailed monkey (*Macaca nemestrina*) as a space-flight candidate --- for cardiovascular studies p0010 N78-11678
- Consideration of other primate species as flight animals p0010 N78-11679
- Automated electroencephalography system and electroencephalographic correlates of space motion sickness, part 4 [NASA-CR-151560] p0040 N78-12660
- Prognosis of the state of health of a person under spaceflight conditions [NASA-TM-75068] p0087 N78-16605
- Zone-forming fungi: Experiment MA-147 p0092 N78-17102
- Cellular immune response: Experiment MA-031 p0092 N78-17104
- Change in gravitation level as a stress factor p0110 N78-18683

- Space Biology and Aerospace Medicine, no. 3, 1977  
[JPRS-69380] p0114 N78-18715
- Experimental and general theoretical research p0115 N78-18717
- Distinctive features of regional circulation and vasomotor regulation following a two-month space flight p0115 N78-18718
- Dynamics of orthostatic stability of cosmonauts following 2 to 63 day missions p0115 N78-18720
- Some psychoneurological requirements in assessing inflight functional state of cosmonauts p0115 N78-18721
- Histochemical study of digestive organs of rats following flight on Kosmos-605 p0115 N78-18722
- Dynamics of cyclic and acyclic locomotion of the Soyuz-18 crew after a 63-day space mission p0118 N78-18740
- Medical support of the immediate postflight period following long space missions p0118 N78-18741
- DNA status in rat liver and spleen following flight on Kosmos-605 satellite p0118 N78-18742
- Effect of prolonged space flight on protein biosynthesis in various rat organs and tissues p0118 N78-18743
- Cytochemical studies of proteins and RNA in individual spinal cord motoneurons and spinal ganglia neurons of rats following a space flight p0118 N78-18744
- Vestibulotonic reflexes in muscles of the rat hind limb following a flight on Kosmos-605 p0118 N78-18745
- Effect of prolonged hypokinesia on the course of acute aseptic inflammation p0119 N78-18747
- Space Biology and Aerospace Medicine, No. 1, 1978 [JPRS-70753] p0124 N78-19756
- Effects of space flights and concomitant radiation on amino acid metabolism in rat skeletal muscles p0125 N78-19761
- Effects on the human body of complex tests simulating flight conditions on the Salyut-4 spacecraft p0176 N78-22682
- Blood plasma corticosterone in rats after flight in Kosmos-690 biosatellite p0177 N78-22684
- Conditioned reflex activity of rats at later periods after the end of flight aboard the Kosmos-605 biosatellite [NASA-TN-75523] p0223 N78-26716
- Structural and functional organization of the vestibular apparatus in rats subjected to weightlessness for 19.5 days aboard the Kosmos-782 satellite [NASA-TN-75529] p0223 N78-26717
- Space biology and aerospace medicine, no. 4 [JPRS-71830] p0305 N78-32672
- Evaluation of regional blood filling by means of rheoplethysmography combined with functional tests p0306 N78-32676
- Dynamics of free amino acid levels in human blood plasma during bed rest in head down position p0306 N78-32677
- Histochemical study of digestive organs of rats involved in space flight on the Kosmos-690 satellite p0306 N78-32681
- Morphological study of hemopoietic organs of hypokinetic rats p0307 N78-32686
- Development of radiation lesions to the rat heart during a space flight (experimental morphological study) p0307 N78-32690
- Effect of coriolis accelerations on man's ability to determine the direction of gravitational vertical p0308 N78-32694
- SPACE FLIGHT TRAINING**
- Evaluation of the quality of man-in-the-loop guidance processes p0021 A78-13581
- Use of half-scale modeling for optimizing systems of manual control --- for spacecraft p0021 A78-13582
- Development of means for optimizing operator activities by analyzing activity content, structure, and function p0021 A78-13583
- Pilot training and prognosis of psychophysiological conditioning of astronauts p0261 A78-47955
- Psychological model of weightlessness in space flight simulation p0261 A78-47958
- Medical and psychological selection and training criteria for European SL-payload specialists [AAS PAPER 78-028] p0301 A78-53608
- Cosmonauts undergo medical ground training p0234 N78-28040
- Spacecraft crew ground training described p0234 N78-28042
- SPACE LABORATORIES**
- UNMANNED ORBITAL RESEARCH LABORATORIES**
- Preliminary results of the scientific experiments on the Kosmos-936 biosatellite [NASA-TN-75071] p0043 N78-13721
- SPACE MISSIONS**
- Otolith system function in cosmonauts following space missions p0117 N78-18736
- Medical support of the immediate postflight period following long space missions p0118 N78-18741
- Soviet-Czech space mission, cosmonaut training discussed p0183 N78-23041
- SPACE NAVIGATION**
- The astronaut in the astronavigation system of manned spacecraft p0262 A78-47968
- SPACE ORIENTATION**
- Effects of weightlessness, space orientation and light on geotropism and the formation of fruit bodies in higher fungi p0031 A78-15211
- Hornet building orientation in a vertically rotating centrifuge p0269 A78-48713
- Optically induced self-motion perception p0170 N78-22632
- Image of flight article discussed --- spatial orientation perception by flight crews flight training p0182 N78-22732
- SPACE PERCEPTION**
- UNMANNED ORBITAL RESEARCH LABORATORIES**
- Functional structure and evaluation criteria of instrumental space operations --- cognitive and performance aspects p0023 A78-13600
- Information capacity of eyes --- spatial resolving power of retinal images p0025 A78-14413
- Threshold visibility of frequency gradient patterns p0025 A78-14414
- Spatial sensitization as a function of delay --- in human vision p0025 A78-14415
- Effect of disparity and viewing distance on perceived depth p0032 A78-15404
- Eye muscle potentiation does not account for adaptation in distance perception based on oculomotor cues p0036 A78-16824
- The role of afterimages in visual spatial aftereffects p0037 A78-17096
- Temporal stereopsis and dynamic visual noise p0037 A78-17098
- Detectability of motion as a factor in depth perception by monocular movement parallax p0056 A78-19974
- Functional equivalence of masking and cue reduction in perception of shape at a slant p0100 A78-26375
- Perceived orientation of a runway model in nonpilots during simulated night approaches to landing p0133 A78-29556
- Interaction between sustained and transient channels - Form inhibits motion in the human

# SPACE PROBES

# SUBJECT INDEX

- visual system p0155 A78-34335
- Illusory motion in depth - Aftereffect of adaptation to changing size p0155 A78-34336
- Some influences of touch and pressure cues on human spatial orientation p0161 A78-36157
- Quality of pilot landing performance and visual information about altitude and distance p0191 A78-36326
- On a hypothesis in Luneburg's theory of binocular visual space p0216 A78-41411
- Movement parallax - An asymptotic function of amplitude and velocity of head motion p0221 A78-43182
- Implications of spatial summation models for processes of contour perception - A geometric perspective p0221 A78-43183
- Visual fixation points and depth perception p0221 A78-43186
- Evoked potential evidence of adaptation to spatial Fourier components in human vision p0236 A78-43923
- Some aspects of depth perception in space p0264 A78-47981
- Psychological state of the operator and visual evaluation of lunar relief p0264 A78-47988
- Depth perception and motion cues via textured scenes --- in flight simulators [AIAA 78-1577] p0290 A78-50658
- Visual problems of pilots - Study on judgement of pilots p0293 A78-51500
- Two methods for the investigation of visual positional perception on the basis of synthetically produced representations for visual flight simulation --- German thesis p0296 A78-52497
- How big the moon, how fat the eye? [AD-A050211] p0149 N78-21756
- Image of flight article discussed --- spatial orientation perception by flight crews flight training p0182 N78-22732
- Depth vision in aviation p0249 N78-28797
- SPACE PROBES**
- NT VIKING MARS PROGRAM
- SPACE PROGRAMS**
- NT APOLLO PROJECT
- NT EUROPEAN SPACE PROGRAMS
- NT U.S.S.R. SPACE PROGRAM
- SPACE RADIATION**
- U EXTRATERRESTRIAL RADIATION
- SPACE RATIONS**
- Onboard food rations and a system for providing water --- on Soyuz spacecraft p0193 A78-36630
- SPACE RENDEZVOUS**
- Construction and investigation of an information model of the process of approach of piloted spacecraft p0241 A78-46082
- SPACE SELF MANEUVERING UNITS**
- U SELF MANEUVERING UNITS
- SPACE SHUTTLE ORBITAL FLIGHT TESTS**
- U ORBITAL FLIGHT TESTS (SHUTTLE)
- SPACE SHUTTLE PAYLOADS**
- NT SPACEBORNE EXPERIMENTS
- NT SPACELAB
- The NASA Life Sciences experiment program for Shuttle/Spacelab [AAS PAPER 78-010] p0301 A78-53615
- SPACE SHUTTLES**
- Manned maneuvering unit for Shuttle EVA p0034 A78-15632
- Hormonal indices of tolerance to +Gz acceleration in female subjects --- personnel selection in Shuttle program p0215 A78-41162
- The effect of gravity on the static and dynamic properties of single vestibular units investigated in the bull frog by means of a vestibular orbital laboratory (VOL). p0171 N78-22636
- Water system microbial check valve development [NASA-CR-151678] p0181 N78-22719
- Evaluation of an electrochemical detector for trace concentrations of hydrazine compounds in air --- space shuttle related toxic hazards [AD-A054636] p0250 N78-28811
- SPACE SIMULATORS**
- Continuous metabolic and cardiovascular measurements on a monkey subject during a simulated 6-day Spacelab mission p0269 A78-48719
- SPACE STATIONS**
- NT ORBITAL SPACE STATIONS
- NT SALTUT SPACE STATION
- Microbiological study of bioecological system. I --- for Spacelab p0258 A78-47111
- Development of a preprototype trace contaminant control system --- for space stations [NASA-CR-151632] p0097 N78-17681
- SPACE SUITS**
- Explosive decompression of subjects up to a 20,000-m altitude using a two-pressure flying suit p0140 A78-31844
- Automatic control of human thermal comfort with a liquid-cooled garment [NASA-TM-58205] p0013 N78-11704
- Protective garment ventilation system [NASA-CASE-XMS-04928] p0097 N78-17679
- Emergency space-suit helmet [NASA-CASE-MSC-10954-1] p0121 N78-18761
- Spacesuit mobility joints [NASA-CASE-ARC-11058-2] p0121 N78-18763
- Space suit used aboard Salyut-6 described p0234 N78-28038
- Translations on USSR science and technology: Biomedical and behavioral sciences, no. 35 [JPBS-71467] p0280 N78-31694
- Evolution of the space suit p0280 N78-31695
- Spacesuit mobility joints [NASA-CASE-ARC-11058-1] p0285 N78-31735
- Spacesuit torso closure [NASA-CASE-ARC-11100-1] p0285 N78-31736
- Cooling system for removing metabolic heat from an hermetically sealed spacesuit [NASA-CASE-ARC-11059-1] p0312 N78-32721
- Development of modern spacesuits p0312 N78-33034
- SPACE TRANSPORTATION**
- NT SPACE TRANSPORTATION SYSTEM
- New dimensions for man --- human functions in future space missions [AIAA PAPER 78-325] p0084 A78-24019
- SPACE TRANSPORTATION SYSTEM**
- NT SPACE SHUTTLES
- Outfitting for space --- extravehicular activity systems [AIAA PAPER 78-327] p0084 A78-24021
- Disposal of radioactive iodine in space [NASA-TP-1313] p0285 N78-31740
- SPACE VEHICLE CONTROL**
- U SPACECRAFT CONTROL
- SPACEBORNE EXPERIMENTS**
- The evaluation and control of the risks of contamination during the course of experiments with animals in the space environment p0059 A78-20550
- Life sciences research in Spacelab p0239 A78-44621
- Is gravity a morphological determinant in plants at the cellular level p0269 A78-48699
- Life sciences laboratories in Spacelab [AAS PAPER 78-011] p0301 A78-53613
- The NASA Life Sciences experiment program for Shuttle/Spacelab [AAS PAPER 78-010] p0301 A78-53615
- Space life sciences pilot user development program for the midwest region [NASA-CR-151819] p0251 N78-29723
- Support of ASTP/KOSMOS fundulus embryo development experiment [NASA-CR-151816] p0251 N78-29724
- SPACECRAFT CABIN ATMOSPHERES**
- Survivorship of Drosophila in nitrogen reduced hypobaric atmospheres --- spacecraft atmosphere studies p0157 A78-35109

- Dynamic control of parameters of spacecraft atmosphere  
p0116 N78-18725
- Evaluation of a spacecraft nitrogen generator  
[NASA-CR-152097] p0189 N78-23748
- SPACECRAFT CONTAMINATION**
- Some general principles of planetary quarantine leading to an assessment of the limitations to growth of micro-organisms on Uranus and Neptune  
p0028 A78-15188
- The evaluation and control of the risks of contamination during the course of experiments with animals in the space environment  
p0059 A78-20550
- Development of a preprototype trace contaminant control system --- for space stations  
[NASA-CR-151632] p0097 N78-17681
- SPACECRAFT CONTROL**
- Analysis of manual control of spacecraft movement by means of a mathematical model of a human operator  
p0021 A78-13580
- Use of half-scale modeling for optimizing systems of manual control --- for spacecraft  
p0021 A78-13582
- Development of means for optimizing operator activities by analyzing activity content, structure, and function  
p0021 A78-13583
- Construction and investigation of an information model of the process of approach of piloted spacecraft  
p0241 A78-46082
- Human operator in a spacecraft control system during descent in the atmosphere  
p0263 A78-47970
- Manual control of astronaut attitude with a three-stage setup  
p0263 A78-47971
- Adaptive systems of spacecraft control  
p0263 A78-47975
- Principles of engineering psychology involved in optimizing control systems of aircraft and spacecraft --- avionics, display devices and psychological factors  
p0183 N78-23709
- SPACECRAFT DESIGN**
- Engineering-psychological analysis of information display systems  
p0216 A78-41368
- Spacelab life support and habitability systems growth for extended mission durations  
[AIAA PAPER 78-1672] p0295 A78-51997
- SPACECRAFT DOCKING**
- Simulation of the docking manoeuvre --- hybrid computer modeling for human operator performance in space  
p0141 A78-32225
- Fifty minutes of submerged weightlessness --- weightlessness simulation  
p0241 A78-46291
- SPACECRAFT ELECTRONIC EQUIPMENT**
- Microbial load monitor  
[NASA-CR-151623] p0093 N78-17648
- SPACECRAFT ENVIRONMENTS**
- Optimization of the habitation environment  
p0021 A78-13577
- Growth-rate periodicity of *Streptomyces levis* during space flight  
p0031 A78-15213
- Physiological hygiene studies --- for spacecraft environments  
p0193 A78-36629
- Radiation protection for Soyuz crews  
p0193 A78-36631
- Technology requirements for closed-ecology life support systems applicable to space habitats  
[AAS 77-273] p0195 A78-36724
- Development of a non-cryogenic nitrogen/oxygen supply system --- for spacecraft environments  
[NASA-CR-151542] p0008 N78-10704
- Physiological spacecraft environment data documentation  
[NASA-CR-151589] p0061 N78-14778
- Space Biology and Aerospace Medicine, no. 5, 1977  
[JPRS-70135] p0109 N78-18679
- NASA - selected life science experiments for the first NASA/ESA Spacelab flight 1980  
p0169 N78-22621
- SPACECRAFT GUIDANCE**
- The optimization of cosmonaut activity in processes involving the operation of complex systems  
p0021 A78-13579
- Evaluation of the quality of man-in-the-loop guidance processes  
p0021 A78-13581
- SPACECRAFT INSTRUMENTS**
- The search for life on Mars  
p0003 A78-12418
- The task of a cosmonaut in operating spacecraft  
p0021 A78-13578
- SPACECRAFT MANOEUVERS**
- Simulation of the docking manoeuvre --- hybrid computer modeling for human operator performance in space  
p0141 A78-32225
- SPACECRAFT MODULES**
- NT SIM
- SPACECRAFT RENDEZVOUS**
- U SPACE RENDEZVOUS
- SPACECRAFT SENSORS**
- U SPACECRAFT INSTRUMENTS
- SPACECRAFT STERILIZATION**
- Effect of sterilization on the scientific value of a returned Mars soil sample  
p0027 A78-15178
- Dry-heat resistance of selected psychrophiles --- Viking lander in spacecraft sterilization  
p0105 A78-27897
- SPACECREWS**
- Suggestibility and characterological features of personality  
p0262 A78-47961
- Peculiar characteristics of crewmembers' metabolism on the second expedition aboard orbital station Salyut-4  
p0265 A78-48080
- Basic results of the medical research conducted during the flight of two crews (a) the Salyut-5 orbital station  
[NASA-TM-75070] p0088 N78-16607
- Provisions for radiation safety of the crew of the second expedition on Salyut-4  
p0124 N78-19758
- Immunological reactivity and prediction of allergic complications in the crew of the second expedition of Salyut-4  
p0193 N78-23710
- Methods for microbiological and immunological studies of space flight crews  
[NASA-TM-58185] p0251 N78-29725
- SMD 3 post test medical report  
[NASA-TM-79750] p0275 N78-30799
- SPACELAB**
- The use of a primate as an experimental model aboard Spacelab  
p0058 A78-20545
- Microbiological study of bioecological system. I --- for Spacelab  
p0258 A78-47111
- Continuous metabolic and cardiovascular measurements on a monkey subject during a simulated 6-day Spacelab mission  
p0269 A78-48719
- Spacelab life support and habitability systems growth for extended mission durations  
[AIAA PAPER 78-1672] p0295 A78-51997
- Medical and psychological selection and training criteria for European SL-payload specialists  
[AAS PAPER 78-028] p0301 A78-53608
- Preliminary investigation of using the centrifuge and light aircraft for training payload specialists --- onboard Spacelab  
[DLR-IB-355-76/06] p0044 N78-13734
- NASA develops teleoperator retrieval system  
[NASA-NEWS-RELEASE-78-49] p0126 N78-19771
- Experiment requirements: Vitamin D metabolites and bone demineralization, Spacelab 2, experiment no. 1  
[NASA-TM-79423] p0145 N78-20757
- NASA - selected life science experiments for the first NASA/ESA Spacelab flight 1980  
p0169 N78-22621
- Life sciences selected experiments for the first joint NASA/ESA Spacelab mission  
p0169 N78-22622

# SPACELAB PAYLOADS

# SUBJECT INDEX

- Vestibular tests during space flight p0171 N78-22635
- SMD 3 post test medical report [NASA-TM-79750] p0275 N78-30799
- SPACELAB PAYLOADS**
- Life sciences research in Spacelab p0239 A78-44621
- Choosing ESA's first astronaut p0240 A78-45885
- Life sciences laboratories in Spacelab [AAS PAPER 78-011] p0301 A78-53613
- The NASA Life Sciences experiment program for Shuttle/Spacelab [AAS PAPER 78-010] p0301 A78-53615
- SPATIAL DEPENDENCIES**
- Spatial frequency and the mediation of short-term visual storage p0017 A78-13117
- Spatiotemporal mapping of scalp potentials p0035 A78-16080
- Selective chromatic adaptation at different spatial frequencies p0211 A78-40576
- SPATIAL DISTRIBUTION**
- Spatial distribution of pulmonary blood flow in dogs in increased force environments p0130 A78-29032
- Research on visual perception of complex and dynamic imagery [AD-A049127] p0124 N78-19753
- SPATIAL FILTERING**
- A spatial-temporal filtering procedure for cardiac potential mapping p0158 A78-35193
- SPATIAL ISOTROPY**
- U SPATIAL DISTRIBUTION**
- SPATIAL ORIENTATION**
- U ATTITUDE (INCLINATION)**
- SPECIES DIFFUSION**
- A measure of the denseness of a phylogenetic network --- by sequenced proteins from extant species p0260 A78-47890
- SPECIFICATIONS**
- NT EQUIPMENT SPECIFICATIONS**
- Standard specification for the production of men's derby type safety boots (sewn, riveted, screwed, and stitched) [SABS-437-1977] p0205 N78-24795
- Standard specification for the production of men's protective shoes with stuck-on pre-moulded unit soles and heels [SABS-1167-1977] p0208 N78-25764
- Standard specification for the production of men's protective shoes with direct vulcanized soles and heels [SABS-1168-1977] p0208 N78-25765
- SPECKLE PATTERNS**
- Dynamics of the amphibian middle ear p0131 A78-29247
- SPECTRAL ANALYSIS**
- U SPECTRUM ANALYSIS**
- SPECTRAL NOISE**
- U WHITE NOISE**
- SPECTRAL REFLECTANCE**
- The retinex theory of color vision p0034 A78-15903
- Multispectral photographic analysis - A new quantitative tool to assist in the early diagnosis of thermal burn depth p0105 A78-27728
- SPECTRAL SENSITIVITY**
- Brightness generation in the human visual system - Colour-brightness: A contribution of cortical colour channels to brightness sensation p0025 A78-14417
- SPECTROSCOPIC ANALYSIS**
- A technique for the in situ spectroscopic analysis of sodium concentrations in sweat p0063 N78-15669
- SPECTROSCOPY**
- NT MASS SPECTROSCOPY**
- NT SPECTROSCOPIC ANALYSIS**
- NT X RAY SPECTROSCOPY**
- SPECTRUM ANALYSIS**
- Spectral analysis of auditory evoked potentials with pseudorandom noise excitation p0177 N78-22688
- Vowel segments in consonantal contexts: A spectral study of coarticulation p0225 N78-26735
- SPEECH**
- NT ARTICULATION**
- NT WORDS (LANGUAGE)**
- The effects of different speakers on the word discrimination scopes of persons with sensori-neural hearing impairment p0064 N78-15674
- Electroencephalographic and galvanic skin responses to verbal stimuli [PB-274175/9] p0096 N78-17670
- Mechanics of speech-related respiration while performing static physical exercise p0116 N78-18726
- SPEECH DEFECTS**
- Adaptation to delayed auditory feedback p0036 A78-16825
- SPEECH DISCRIMINATION**
- U SPEECH RECOGNITION**
- SPEECH RECOGNITION**
- The role of professional and sexual factors in the auditory evaluation of emotionally tinged speech p0023 A78-13601
- Speech intelligibility through communication headsets for general aviation p0133 A78-29557
- Required attention for synthesized speech perception for three levels of linguistic redundancy p0196 A78-37531
- Human verbal behavior considerations in the design of voice actuated hardware systems --- for F-3C aircraft [AD-A049925] p0147 N78-20776
- Vowel segments in consonantal contexts: A spectral study of coarticulation [IZP-1977-14] p0225 N78-26735
- The relationship between comfortable loudness range and most comfortable loudness for pure tones and speech in sensorineural hearing loss p0308 N78-32698
- SPHERICAL SHELLS**
- Application of a fluid-filled spherical sandwich shell as a biodynamic head injury model for primates p0073 A78-21703
- SPHEROIDS**
- NT PROLATE SPHEROIDS**
- SPHYGMOGRAPHY**
- Respiratory-hemodynamic correlations in individuals of different age p0218 A78-42663
- SPINAL CORD**
- NT SPINE**
- Effect of sojourn at 3200-m altitude on spinal reflexes in young adult males p0018 A78-13268
- Pathways for the circulation of pyramidal tract collaterals and their role in the formation of functional system apparatus p0136 A78-30400
- Ascending spinal pathways for the somatosympathetic reflex p0065 N78-15678
- Cytochemical studies of proteins and RNA in individual spinal cord motoneurons and spinal ganglia neurons of rats following a space flight p0118 N78-18744
- Radiographic and biomechanical studies of the human spine [AD-A049984] p0149 N78-21758
- The organization and autonomic innervation of the vascular system of the mammalian spinal cord; an ultrastructural study p0178 N78-22692
- The effect of energy absorbing devices on spinal loads resulting from minus G(x) acceleration p0181 N78-22717
- Learned voluntary control of systolic blood pressure by spinal cord injury patients p0229 N78-27745
- Dynamics of afferent impulsion in posterior spinal radices of dogs with restricted movement p0308 N78-32696
- SPIKE**
- Identification and classification of vertebral fractures following emergency capsule egress from military aircraft p0074 A78-21707

## SUBJECT INDEX

## STEREOGRAPHY

- Theory and application of a three-dimensional model of the human spine p0074 A78-21708
- Distribution of spinal disc pressures in the seated posture subjected to impact p0074 A78-21709
- Permanent changes in the spines of military parachutists p0161 A78-36159
- On the mechanical properties of the human intervertebral disc p0247 N78-28787  
[AD-A053036]
- The F/PB-111 escape injury mechanism assessment p0248 N78-28789  
[AD-A052337]
- The lumbosacral segment as a vulnerable region in various postures p0314 N78-33713  
[NASA-TM-75579]
- SPIRAL GALAXIES
- NT MILKY WAY GALAXY
- SPLEEN
- DNA status in rat liver and spleen following flight on Kosmos-605 satellite p0118 N78-18742
- SPORES
- Morphology of extremely heat-resistant spores from Bacillus sp. ATCC 27380 by scanning and transmission electron microscopy p0028 A78-15185
- Dry-heat resistance of selected psychrophiles --- Viking lander in spacecraft sterilization p0105 A78-27897
- Zone-forming fungi: Experiment MA-147 p0092 N78-17102
- SPRAYED PROTECTIVE COATINGS
- U PROTECTIVE COATINGS
- SPUTTERING
- Effect of surface texture by ion beam sputtering on implant biocompatibility and soft tissue attachment p0109 N78-18672  
[NASA-CR-135311]
- SQUEEZING
- U COMPRESSING
- STABILITY
- NT AIRCRAFT STABILITY
- NT CONTROL STABILITY
- NT MOTION STABILITY
- NT STORAGE STABILITY
- STAINLESS STEELS
- Storability investigations of water long-term storage evaluation p0127 N78-19776  
[AD-A049189]
- STAIRCASES
- U STAIRWAYS
- STAIRWAYS
- Passenger flow rates between compartments: Straight-segmented stairways, spiral stairways, and passageways with restricted vision and changes of attitude p0205 N78-24797  
[AD-A051485]
- STANDARD DEVIATION
- Nonadditivity of vergence and saccadic eye movement p0221 A78-43184
- STANDARDS
- Human engineering data for aircraft design. II - Aircrew station controls and displays: Assignment, location, and actuation for fixed wing aircraft p0001 A78-10196
- Human engineering data for aircraft design. III - Aircrew station vision requirement for military aircraft p0001 A78-10199
- Provisional standards of radiation safety during flights p0040 N78-12657  
[NASA-TM-75051]
- Primary medium energy exposure standard: Comparison between ISS and BIPM p0145 N78-20761
- Occupational exposure to decomposition products of fluorocarbon polymers. Criteria for a recommended standard p0204 N78-24788  
[DHEW/PUB/NIOSH-77/193]
- Occupational exposure to polychlorinated biphenyls (PCBS). Criteria for a recommended standard p0204 N78-24789  
[DHEW/PUB/NIOSH-77/225]
- Occupational exposure to refined petroleum solvents. Criteria for a recommended standard p0204 N78-24790  
[DHEW/PUB/NIOSH-77/192]
- Occupational exposure to vanadium. Criteria for a recommended standard p0204 N78-24791  
[DHEW/PUB/NIOSH-77/222]
- Occupational exposure to tungsten and cemented tungsten carbide p0204 N78-24792  
[DHEW/PUB/NIOSH-77/127]
- Comparative anthropometry of air standardization coordinating committee personnel for equipment design: Helmets p0209 N78-25771  
[AD-A052893]
- Air quality criteria for lead p0284 N78-31730  
[PB-280411/0]
- GOI anomaloscopes used to set standards for color vision of flight personnel p0307 N78-32688
- STARFIGHTER AIRCRAFT
- U F-104 AIRCRAFT
- STATIC LOADS
- Comparison of analysis techniques for electromyographic data p0078 A78-21735
- STATIC PRESSURE
- Models of the pressure volume relationship of the human lung p0140 A78-32041
- STATIONS
- NT ORBITAL SPACE STATIONS
- NT SALTUT SPACE STATION
- NT SPACE STATIONS
- STATISTICAL ANALYSIS
- NT CORRELATION COEFFICIENTS
- NT FACTOR ANALYSIS
- NT MULTIVARIATE STATISTICAL ANALYSIS
- NT PROBABILITY DENSITY FUNCTIONS
- NT PROBABILITY DISTRIBUTION FUNCTIONS
- NT REGRESSION ANALYSIS
- NT SEQUENTIAL ANALYSIS
- NT STANDARD DEVIATION
- Classification of sleep stage with period analysis features derived from the EEG p0101 A78-26737
- Longevity in military pilots - 37-year followup of the Navy's '1000 Aviators' p0266 A78-48087
- Use of path models to study a precareer air traffic control training program p0298 A78-52641
- Analysis of responses of cold pressor tests on pilots and executives p0006 N78-10693  
[NASA-CR-143847]
- Constraining nonmetric multidimensional scaling configurations p0045 N78-13740  
[AD-A045800]
- An analysis of flight data from aircraft landings with and without the aid of a painted diamond on the same runway p0067 N78-15692  
[NASA-CR-143849]
- Physiological correlates of performance in a long duration repetitive visual task p0095 N78-17666  
[AD-A043047]
- Design, analysis, and interpretation of screening studies for human factors engineering research p0147 N78-20774  
[AD-A050361]
- Estimation of the operating characteristics of item response categories 4: Comparison of the different methods p0317 N78-33735  
[AD-A057161]
- STATISTICAL COMMUNICATION THEORY
- U COMMUNICATION THEORY
- STATISTICAL DISTRIBUTIONS
- NT PROBABILITY DISTRIBUTION FUNCTIONS
- STATISTICAL PROBABILITY
- U PROBABILITY THEORY
- STEELS
- NT STAINLESS STEELS
- STEEP GRADIENT AIRCRAFT
- U V/STOL AIRCRAFT
- STELLAR DOPPLER SHIFT
- U DOPPLER EFFECT
- U EXTRATERRESTRIAL RADIATION
- STEREOCHEMISTRY
- Detection of optical asymmetry in amino acids by gas chromatography for extraterrestrial space exploration - Results of a new soil processing scheme with breadboard instrumentation p0027 A78-15179
- STEREOGRAPHY
- U STEREOPHOTOGRAPHY

## STEREOPHOTOGRAPHY

## SUBJECT INDEX

## STEREOPHOTOGRAPHY

Development of biostereometric experiments ---  
stereometric camera system  
[NASA-CR-151726] p0208 N78-25759

## STEREOSCOPIC PHOTOGRAPHY

## U STEREOPHOTOGRAPHY

## STEREOSCOPIC VISION

Temporal stereopsis and dynamic visual noise  
p0037 A78-17098

An objective indicant of binocular vision in  
humans - Size-specific interocular suppression  
of visual evoked potentials  
p0055 A78-19224

TNO test and dyschromatopsias --- normal  
intraocular tension test for flight personnel  
p0060 A78-20559

Illusory motion in depth - Aftereffect of  
adaptation to changing size  
p0155 A78-34336

Heterophoria - Its influence on stereopsis and the  
importance of cycloplegia in refraction testing  
of pilot applicants  
p0158 A78-35113

Binocular detection by normal and stereoblind  
observers  
p0299 A78-53082

## STEREOSCOPY

## NT STEREOPHOTOGRAPHY

## STERILIZATION

## NT HOUSEKEEPING (SPACECRAFT)

## NT SPACECRAFT STERILIZATION

Ethylene oxide sterilization - Monitors and  
residuals  
p0048 A78-17223

Degradation of biochemical activity in soil  
sterilized by dry heat and gamma radiation  
p0303 A78-53874

Advances in sterilization and decontamination: A  
survey  
[NASA-SP-5105] p0085 N78-16587

## STERILIZATION EFFECTS

## NT DECONTAMINATION

Effect of sterilization on the scientific value of  
a returned Mars soil sample  
p0027 A78-15178

## STEROIDS

## NT ALDOSTERONE

## NT CHOLESTEROL

## NT CORTICOSTEROIDS

## NT CORTISONE

## STIFFNESS

Noninvasive determination of bone stiffness  
p0177 N78-22687

## STIMULANT

## NT ATROPINE

## NT CAFFEINE

## NT CENTRAL NERVOUS SYSTEM STIMULANTS

## NT NORADRENALINE

The effects of supranormal concentrations of  
potassium ion and other vasoactive drugs on the  
visual evoked response and regional cerebral  
blood flow in the monkey brain  
p0313 N78-33701

## STIMULATED EMISSION DEVICES

## NT GAS LASERS

## NT HELIUM-NEON LASERS

## NT INFRARED LASERS

## NT LASERS

## NT PULSED LASERS

## NT ULTRAVIOLET LASERS

## STIMULATION

## NT AUDITORY STIMULI

## NT SENSORY STIMULATION

A nonlinear model of the human EEG signal during  
photic stimulation  
p0093 N78-17651

Motion sickness susceptibility: A retrospective  
comparison of laboratory tests  
[AD-A053161] p0248 N78-28790

## STOCHASTIC PROCESSES

Stochastic models of algal photosynthesis in  
turbulent channel flow  
p0032 A78-15380

Stochastic modelling of remotely manned systems  
p0136 A78-30509

Models for interrupted monitoring of a stochastic  
process  
[NASA-TN-78453] p0066 N78-15690

## STOL AIRCRAFT

## U SHORT TAKEOFF AIRCRAFT

## STORABLE PROPELLANTS

## NT AIRCRAFT FUELS

## STORAGE STABILITY

Bag for storing whole blood  
[NASA-CASE-NPO-13930-1] p0208 N78-25760

## STORAGE TANKS

Storability investigations of water long-term  
storage evaluation  
[AD-A049189] p0127 N78-19776

## STRAIN DISTRIBUTION

## U STRESS CONCENTRATION

## STRAIN GAGES

The application of in-vivo measurements of bone  
strain to Spacelab program. Preliminary results  
--- transducer development  
p0174 N78-22664

## STRAIN RATE

The influence of strain rate on the mechanical  
properties of human skin and subcutaneous tissue  
p0179 N78-22700

## STRAPS

Drop foot corrective device  
[NASA-CASE-LAR-12259-1] p0121 N78-18762

## STRATA

## NT SUBSTRATES

## STRATEGY

Mental work-load as a function of demand,  
capacity, strategy and skill  
p0159 A78-35852

## STRATOSPHERE

Resistance of stratospheric and mesospheric  
micro-organisms to extreme factors  
p0027 A78-15180

## STRATOTANKER AIRCRAFT

## U C-135 AIRCRAFT

## STRENGTH OF MATERIALS

## U MECHANICAL PROPERTIES

## STREPTOMYCETES

Zone-forming fungi: Experiment MA-147  
p0092 N78-17102

## STRESS (BIOLOGY)

Potential use of nutritional factors to optimize  
performance under stress  
[NASA-CR-151676] p0181 N78-22718  
Experimental attempts to evoke a differential  
response to different stressors  
[AD-A054795] p0311 N78-32716

## STRESS (PHYSIOLOGY)

## NT ACCELERATION STRESSES (PHYSIOLOGY)

## NT CENTRIFUGING STRESS

The false positive stress test - Multivariate  
analysis of 215 subjects with hemodynamic,  
angiographic and clinical data  
p0026 A78-14646

Exercise stress testing  
p0026 A78-15159

Predictive implications of ventricular premature  
contractions associated with treadmill stress  
testing  
p0050 A78-18450

Thallium-201 myocardial perfusion scintigraphy for  
the clinical clarification of normal, abnormal  
and equivocal electrocardiographic stress tests  
p0073 A78-21450

Symposium on Biodynamic Models and their  
Applications, 2nd, Dayton, Ohio, February 15-17,  
1977, Proceedings  
p0073 A78-21701

Application of the response probability density  
function technique to biodynamic models  
p0076 A78-21719

Rat lung hyper-reactivity to stress  
p0079 A78-21745

Fast, rate-sensitive corticosteroid negative  
feedback during stress  
p0082 A78-23649

Site of fast, rate-sensitive feedback inhibition  
of adrenocorticotropin secretion during stress  
p0082 A78-23650

Modelling heart structure changes during  
adaptation to large loads  
p0084 A78-24249

Heart damage during emotional stress and  
prophylaxis of this effect with the aid of  
preliminary adaptation to high-altitude hypoxia  
p0106 A78-28123

# SUBJECT INDEX

# STRESS DISTRIBUTION

- Effects of altitude and heat on complex cognitive tasks p0133 A78-29544
- Simulation of heart structural changes upon adaptation to large loads p0212 A78-40703
- Dynamics of structural transformations in physiological systems receiving stresses of various intensities and lengths p0214 A78-41018
- Chronotropic reserves of the myocardium p0218 A78-42655
- Resistance of the myocardium to loads under high-altitude conditions p0218 A78-42658
- Hemodynamic mechanisms for maintaining maximal oxygen transport in the human organism p0219 A78-42664
- Adaptation of circulation to exertion p0219 A78-42667
- Elasticity of excised dog lung parenchyma p0258 A78-47206
- The microvibrations of the body, an index for examination stress p0272 A78-49297
- Metabolic structure of the recovery process following various physical stresses p0303 A78-53791
- A study of effects of hyperthermia on large, short-haired male dogs: A simulated air transport environmental stress [AD-A040432/7] p0005 A78-10683
- Cardiovascular studies in the rhesus monkey --- brain circulation during stress p0009 A78-11667
- Accumulated stress, reserve capacity, and disease p0011 A78-11684
- The development, maintenance, and mathematical description of tracking behavior in man and the Rhesus Monkey [AD-A043225] p0015 A78-11717
- Behavioral and physiological correlates of varying noise environments [PB-271713/0] p0046 A78-13745
- The physiological response to time varying work loads p0065 A78-15681
- Physiological responses to cold [PB-273254/3] p0088 A78-16612
- Females and hot environments [PB-273257/6] p0089 A78-16613
- Workload and operational fatigue in helicopter pilots p0090 A78-16622
- Stress in air traffic personnel: Low-density towers and flight service stations [AD-A046826] p0094 A78-17657
- Space Biology and Aerospace Medicine, no. 3, 1977 [JPRES-69380] p0114 A78-18715
- Heat stress, work function and physiological heat exposure limits in man [AD-A050008] p0146 A78-20767
- Cosmonaut work capacity in flight p0150 A78-21762
- A new method for determining the active force system in lower limbs during human locomotion p0179 A78-22702
- The effect of nitrogen dioxide on lung function in normal subjects [PB-277671/4] p0225 A78-26731
- Recurrent heat exposure: Effects on hormonal responses in resting and exercising men [AD-A050539] p0231 A78-27761
- The nature of the perception of effort at sea level and high altitude [AD-A051274] p0246 A78-28781
- Perception of effort during constant work to self-imposed exhaustion [AD-A051275] p0246 A78-28782
- Prediction of human heat tolerance [AD-A051276] p0247 A78-28788
- Regulation of the adrenal cortex function during stress [NASA-CR-157397] p0276 A78-30808
- Hypothermia. A bibliography with abstracts [NTIS/PS-78/0517/9] p0277 A78-30816
- Instruments and methodology for the assessment of physiological cost of performance of stressful continuous operations: The air traffic services tower environment p0287 A78-31752
- Three reports relevant to stress in aviation personnel [AD-A051690] p0308 A78-32699
- Development of the aviation stress protocol: Simulation and performance, physiological, and biochemical monitoring systems, phase 1 p0309 A78-32700
- Assessment of cardiovascular function after exposure to the aviation stress protocol: Simulation p0309 A78-32701
- The relationship between stress-related metabolites and disqualifying pathology in air traffic control personnel p0309 A78-32702
- An annotated bibliography of the literature dealing with the physiological correlates of cognitive performance [AD-A057113] p0317 A78-33733
- STRESS (PSYCHOLOGY)
- Possibilities of enhancing the dependability of groups acting in extremal situations p0022 A78-13595
- Factor analysis of changes in sleep in the cat following emotional stress p0100 A78-26608
- Stress in air traffic personnel - Low-density towers and flight service stations p0158 A78-35111
- Roles of psychologic stress and autonomic nervous system changes in provocation of ventricular premature complexes p0196 A78-37175
- Evaluation method of mental workload under flight conditions --- relationship to heart rate variability p0215 A78-41168
- Modulation of autonomic correlates of emotional stress and adaptive responses p0242 A78-46453
- Sensory deprivation as a problem of prolonged space flights p0259 A78-47484
- Objective workload and behavioural response in airport radar control rooms p0259 A78-47491
- Objective job difficulty, behavioural response, and sector characteristics in air route traffic control centres p0293 A78-51348
- Relation between pulse rate during the complex coordination test and several psychological measures of effort and stress [DLR-IB-355-75/04] p0013 A78-11700
- Assessment of future national and international problem areas. Volume 2: The effects of stress on individuals and society [SRI-77-206-VOL-2] p0043 A78-13726
- Behavioral and physiological correlates of varying noise environments [PB-271713/0] p0046 A78-13745
- Workload and operational fatigue in helicopter pilots p0090 A78-16622
- Space Biology and Aerospace Medicine, no. 3, 1977 [JPRES-69380] p0114 A78-18715
- Pilot retraining aimed at stress reduction --- in Soviet combat aircraft p0143 A78-20744
- Cosmonaut work capacity in flight p0150 A78-21762
- Cardiovascular function during a reaction time task and mental arithmetic p0246 A78-28778
- STRESS ANALYSIS
- Analytical model of the fatigue characteristics of bone p0074 A78-21710
- STRESS CALCULATIONS
- U STRESS ANALYSIS
- STRESS CONCENTRATION
- Flow of micropolar fluid through a constricted channel p0056 A78-19993
- STRESS DISTRIBUTION
- U STRESS CONCENTRATION



## STRESS-STRAIN DIAGRAMS

## SUBJECT INDEX

## STRESS-STRAIN DIAGRAMS

Dysfunctioning of the fluid mechanical  
craniospinal systems as revealed by  
stress/strain diagrams

p0179 N78-22704

## STRESS-STRAIN DISTRIBUTION

U STRESS CONCENTRATION

## STRESS-STRAIN RELATIONSHIPS

U STRESS-STRAIN DIAGRAMS

Elasticity of excised dog lung parenchyma

p0258 A78-47206

## STRESSES

NT RESIDUAL STRESS

NT THERMAL STRESSES

NT VIBRATIONAL STRESS

## STRUCTURAL DESIGN

Pulmonary arterial tree: Architectural and  
functional design

p0087 N78-16603

Design and performance of heart assist or  
artificial heart control systems

p0183 N78-23032

## STRUCTURAL MEMBERS

NT MEMBRANE STRUCTURES

## STRUCTURAL VIBRATION

The effect of the position of the axis of rotation  
on the discomfort caused by whole-body roll and  
pitch vibrations of seated persons

p0195 A78-36816

Deterioration of human performance resulting from  
mechanical vibrations

p0257 A78-46955

## STS

## U SPACE TRANSPORTATION SYSTEM

## SUBGRAVITY

## U REDUCED GRAVITY

## SUBGROUPS

Moderator analysis based on subgrouping: Problems  
arising from the use of standardized variables  
[AD-A047892]

p0096 N78-17674

## SOBLATTICES

## U SUBGROUPS

## SUBLAYERS

## U SUBSTRATES

## SUBHARINES

Determination of the concentration of cadmium  
aerosol and of some other contaminants present  
in the atmosphere of a submarine of the Royal  
Dutch Navy  
[CL-1976-23]

p0227 N78-26744

## SUBMERGED BODIES

NT DIVING (UNDERWATER)

The osmoregulating function of the kidneys during  
immersion

p0197 A78-37857

## SUBMERGING

Prevention of human deconditioning during  
prolonged immersion in water

p0030 A78-15202

## SUBMINIATURIZATION

A detailed performance evaluation of subminiature  
piezoresistive accelerometers

p0048 A78-17407

## SUBSONIC AIRCRAFT

Cosmic radiation exposure in subsonic air transport

p0140 A78-31845

## SUBSTRATES

Investigation of concomitant microflora in  
prolonged substrate-free cultivation of beet  
plants

p0116 N78-18729

Potential of arid zone vegetation as a source of  
substrates  
[LBL-7214]

p0245 N78-28777

## SUBTROPICAL REGIONS

## U TROPICAL REGIONS

## SUD AVIATION AIRCRAFT

## NT CONCORDE AIRCRAFT

## SUGARS

NT GLUCOSE

NT LACTOSE

## SUITS

NT PRESSURE SUITS

NT SPACE SUITS

## SULFATES

Sulfate reduction and methanogenesis in marine  
sediments

p0081 A78-23474

## SULFUR

Influence of radioactivity or sulfur treatment on  
hyperoxia-induced pulmonary lesions in the rat

p0060 A78-20558

## SULFUR COMPOUNDS

NT CYSTEINE

NT SULFATES

NT SULFUR DIOXIDES

## SULFUR DIOXIDES

Biological effects of NO, NO<sub>2</sub>, SO<sub>2</sub> and  
combinations thereof: Acute action on human and  
rat blood in vitro - Chronic action on the lung  
and blood of rats due to pollution-level  
concentrations

p0036 A78-16474

## SULFUR OXIDES

NT SULFUR DIOXIDES

## SUPERHIGH FREQUENCIES

Effect of energy of superhigh-frequency  
electromagnetic fields on the bodies of  
experimental animals under different conditions  
of ultraviolet irradiation

p0186 N78-23726

Distinctive reactions of the body's immunological  
system to the combined effects of physical and  
chemical environmental factors

p0186 N78-23727

Translation on USSR science and technology:

Biomedical and behavioral sciences, no. 45:

Effects of nonionizing electromagnetic radiation  
[JPSS-71910]

p0316 N78-33727

The combined effect of an SHF field and an  
unfavorable microclimate on the body

p0316 N78-33730

## SUPERSONIC AIRCRAFT

NT CONCORDE AIRCRAFT

NT F-4 AIRCRAFT

NT F-104 AIRCRAFT

## SUPERSONIC FLIGHT

Presentations on aerospace medicine at Bourget ---  
Conference summary on medical factors involved  
in flying Concorde

p0132 A78-29300

## SUPERSONIC TRANSPORTS

NT CONCORDE AIRCRAFT

## SUPINE POSITION

Model of the supine human body and its reactions  
to external forces

p0076 A78-21723

Biomechanical models for vibration feedthrough to  
hands and head for a semisupine pilot

p0077 A78-21727

Plasma volume changes with movement to supine and  
standing positions

p0297 A78-52541

## SUPPORT SYSTEMS

NT CLOSED ECOLOGICAL SYSTEMS

NT EMERGENCY LIFE SUSTAINING SYSTEMS

NT LIFE SUPPORT SYSTEMS

NT PORTABLE LIFE SUPPORT SYSTEMS

Manned maneuvering unit - A space platform support  
system

[AIAA PAPER 78-1663]

p0295 A78-51990

## SURFACE LAYERS

Interfacial biophysics of materials in contact  
with blood

[PB-277928/8]

p0225 N78-26732

## SURFACE PROPERTIES

NT SPECTRAL REFLECTANCE

Alterations in the surface properties of cells  
responsive to nerve growth factor

p0217 A78-42459

The use of an ion-beam source to alter the surface  
morphology of biological implant materials

[NASA-TN-78851]

p0169 N78-22618

Determining the number and positions of measuring  
locations for body surface potential mapping

p0228 N78-27740

## SURFACE VEHICLES

NT AIRCRAFT CARRIERS

NT AUTOMOBILES

NT MOTOR VEHICLES

NT WALKING MACHINES

## SURFACTANTS

Modifications of pulmonary surfactant under  
hyperbaric conditions in rats - Role of oxygen  
and diluting gas under partial pressure

p0058 A78-20543

- SURGERY**  
 Tissue macerating instrument  
 [NASA-CASE-LPW-12668-1] p0061 N78-14773  
 Contractile function of the myocardium with  
 prolonged hypokinesia in patients with surgical  
 tuberculosis  
 [NASA-TN-75115] p0224 N78-26726
- SURVEILLANCE**  
 The effect of increased monitoring load on  
 vigilance performance using a simulated radar  
 display  
 [AD-A044558] p0041 N78-12669
- SURVIVAL**  
 Specific characteristics of the effect of UV laser  
 radiation on the survival of microorganisms  
 p0217 A78-42635
- SURVIVAL EQUIPMENT**  
 Evaluation of US Air Force survival/armor vest in  
 US Army OH-58 helicopters  
 [AD-A044842] p0042 N78-12675  
 Protective clothing. Part 3: Survival, aircraft,  
 and combat environments. A bibliography with  
 abstracts  
 [NTIS/PS-78/0373/7] p0251 N78-28814
- SUSPENSION SYSTEMS (VEHICLES)**  
 Vibration aspects of ride quality modeling for the  
 DOT PTACV: Theory and experiment  
 [PB-279846/0] p0286 N78-31744
- SWEAT**  
 Functions of calcium in sweat secretion  
 p0131 A78-29253  
 A technique for the in situ spectroscopic analysis  
 of sodium concentrations in sweat  
 p0063 N78-15669  
 Sweat collection capsule  
 [NASA-CASE-ARC-11031-1] p0181 N78-22720  
 Relationship between osmotic pressure of the blood  
 and secretion of sweat  
 [NASA-TN-75461] p0313 N78-33703
- SWEATING**
- U PERSPIRATION**
- SWIMMING**  
 Resting values of left ventricular work to  
 coronary blood flow ratio in rats exposed to  
 intermittent high altitude hypoxia and swimming  
 p0292 A78-51299
- SWINE**  
 Porcine malignant hyperthermia: Studies on  
 isolated muscle strips  
 p0245 N78-28772
- SWITCHES**  
 NT SWITCHING CIRCUITS
- SWITCHING CIRCUITS**  
 Program documentation for the head switching  
 software package  
 [AD-A046175] p0063 N78-14788
- SWITCHING ELEMENTS**  
 U SWITCHING CIRCUITS
- SYMBIOSIS**  
 Endosymbionts and mitochondrial origins  
 p0049 A78-17851
- SYMMETRICAL BODIES**  
 NT ROTATING CYLINDERS
- SYMPATHETIC NERVOUS SYSTEM**  
 Effect of isometric exercise on catecholamines in  
 the coronary circulation  
 p0057 A78-20341  
 Urinary catecholamine excretion in temporary  
 residents of high altitude  
 p0192 A78-36606  
 Alterations in the surface properties of cells  
 responsive to nerve growth factor  
 p0217 A78-42459  
 Ascending spinal pathways for the  
 somatosympathetic reflex  
 p0065 N78-15678  
 Functional reserves of the cardiac sympathetic  
 system in the presence of hypoxia --- adrenergics  
 p0185 N78-23719  
 Reaction of central and peripheral mediator  
 elements of the sympathoadrenal system to single  
 exposure to alternating magnetic field  
 p0186 N78-23729
- SYMPATHOMIMETICS**  
 U ADRENERGICS
- SYMPTOMS**  
 U SIGNS AND SYMPTOMS
- SYNAPSES**  
 Mathematical description of synapse behavior under  
 conditions of rhythmic stimulation  
 p0099 A78-25625  
 Mechanism for the formation of synaptic  
 projections in the arthropod visual system  
 p0296 A78-52372
- SYNCOPE**  
 NT BLACKOUT (PHYSIOLOGY)
- SYNDROMES**  
 U SIGNS AND SYMPTOMS
- SYNTAX**  
 NT SENTENCES  
 NT WORDS (LANGUAGE)
- SYNTHESIZERS**  
 Investigation of an alternative response task for  
 synthetic sentence index  
 p0232 N78-27768
- SYNTHETIC FIBERS**  
 Acrylonitrile  
 [PB-280478/9] p0310 N78-32713
- SYNTHETIC RESINS**  
 Development of a synthetic polymer burn covering  
 [AD-A042459] p0095 N78-17667  
 Air pollution assessment of vinylidene chloride  
 [PB-280624/8] p0310 N78-32714
- SYNTHETIC RUBBERS**  
 NT VULCANIZED ELASTOMERS
- SYSTEM EFFECTIVENESS**  
 Human problem solving performance in a fault  
 diagnosis task  
 p0153 A78-32673
- SYSTEM FAILURES**  
 Detection by pilots of system failures during  
 instrument landings  
 p0049 A78-17740
- SYSTEMS ANALYSIS**  
 Prospects for developing a theory of a functional  
 system --- applications in biology and medicine  
 p0135 A78-30395  
 The theory of a functional system as the  
 methodological basis for the neurophysiology of  
 behavior  
 p0135 A78-30398  
 Pathways for the circulation of pyramidal tract  
 collaterals and their role in the formation of  
 functional system apparatus  
 p0136 A78-30400  
 Systems analysis of an aeromedical evacuation  
 mission  
 p0140 A78-31847  
 Aviation ergonomics: Probability methods ---  
 Russian book  
 p0243 A78-46573  
 Study to design and develop remote manipulator  
 systems  
 [NASA-CR-152092] p0090 N78-16620  
 Noninvasive, real-time examination of  
 atrioventricular conduction system  
 p0178 N78-22695  
 Diagnostic improvements in medical ultrasonic  
 imaging systems  
 p0281 N78-31710
- SYSTEMS DESIGN**  
 U SYSTEMS ENGINEERING
- SYSTEMS ENGINEERING**  
 A design procedure for control/display systems ---  
 performance-workload relations for CH-47  
 helicopter longitudinal response  
 p0003 A78-12447  
 Continuous and pulse control of the horizontal  
 motion of a biped walking apparatus  
 p0104 A78-27154  
 Linear problem of stabilizing biped walk  
 p0104 A78-27155  
 Theoretical foundations for the design of life  
 support systems --- Russian book  
 p0155 A78-34157  
 Human factors in airfield air traffic control  
 p0240 A78-45950  
 Technology requirements for non-terrestrial  
 ecosystems  
 p0268 A78-48666  
 Development of a preprototype trace contaminant  
 control system --- for space stations  
 [NASA-CR-151632] p0097 N78-17681  
 Evaluation of a spacecraft nitrogen generator  
 [NASA-CR-152097] p0189 N78-23748  
 Space ecosynthesis: An approach to the design of  
 closed ecosystems for use in space  
 [NASA-TN-78491] p0226 N78-26740

Man-machine interface analysis of the flight  
design system  
[NASA-CR-151812] p0255 N78-29754

**SYSTEMS MANAGEMENT**

Human factors engineering. Part 1: Test procedures  
[AD-A051481] p0205 N78-24800

Human factors engineering. Part 2: HEDGE  
[AD-A051482] p0205 N78-24801

**SYSTOLE**

Reliability of noninvasive methods for measuring  
cardiac function in exercise p0082 A78-23602

Electrical impedance cardiogram in derivation of  
systolic time intervals p0154 A78-34082

Analysis of responses of cold pressor tests on  
pilots and executives  
[NASA-CR-143847] p0006 N78-10693

**SYSTOLIC PRESSURE**

Learned voluntary control of systolic blood  
pressure by spinal cord injury patients  
p0229 N78-27745

## T

**T SHAPE**

Process for manufacturing cannula  
[NASA-CASE-NPO-14073-1] p0208 N78-25762

**T-37 AIRCRAFT**

Alternatives for future undergraduate pilot training  
[AD-A053374] p0254 N78-29750

**TACHISTOSCOPIES**

Tachistoscopic perception under head tilt  
p0300 A78-53085

**TACTILE DISCRIMINATION**

Robot stereognosis - Application to object  
recognition --- French thesis p0198 A78-38062

**TACTILE SENSATION**

TO TOUCH

**TAKEOFF RUNS**

Visual detection of commencement of aircraft  
takeoff runs --- as control tower siting  
requirement p0101 A78-26735

Stress and workload in pilots p0140 A78-31846

**TALKING**

NT WORDS (LANGUAGE)

**TANKS (CONTAINERS)**

NT STORAGE TANKS

**TAPE RECORDERS**

Automated instructional system for advanced  
simulation in undergraduate pilot training /ASUPT/  
p0199 A78-38796

Is man the weakest link? --- real time activity  
recording of aircrew workloads p0286 N78-31746

**TARE (DATA REDUCTION)**

U DATA REDUCTION

**TARGET ACQUISITION**

Alcohol retards visual recovery from glare by  
hampering target acquisition p0048 A78-17524

Visual discrimination between small objects and  
large textured backgrounds p0048 A78-17525

Search through a sequentially presented visual  
display p0082 A78-23848

Caffeine consumption and target scanning performance  
p0133 A78-29542

Visual target acquisition and tracking performance  
using a helmet-mounted sight p0139 A78-31840

Display size and target acquisition performance  
[AD-A054624] p0285 N78-31741

**TARGET MASKING**

Some mechanisms of visual masking p0197 A78-37747

Cortical evoked potentials during successive  
visual masking p0197 A78-37748

**TARGET RECOGNITION**

Prediction of airborne target detection --- by  
human observer under varying meteorological  
conditions p0017 A78-13265

Absence of color-selectivity in Duncker-type  
induced visual movement p0032 A78-15403

Sequential expectancy in visual search p0054 A78-18825

The effect of background familiarity in visual  
search - An analysis of underlying factors p0216 A78-41811

Human Engineering Laboratory Identification Friend  
or Foe test (HELIFF)  
[AD-A048784] p0121 N78-18768

Comparison between flight test data and data from  
a theoretical model for the discovery of a  
ground target from the air  
[FOA-C-56010-H9 (H6)] p0255 N78-29751

**TARGET SIMULATORS**

Prediction of airborne target detection --- by  
human observer under varying meteorological  
conditions p0017 A78-13265

**TASK COMPLEXITY**

Prediction of pilot opinion ratings using an  
optimal pilot model --- of aircraft handling  
qualities in multi-axis tasks p0003 A78-12449

A psychophysiological study of pilot behavior in  
conditions of combined activity p0022 A78-13589

An investigation of time-sharing ability as a  
factor in complex performance --- for  
divided-attention tasks p0054 A78-18821

Manipulating the conditions of training in  
time-sharing performance --- for compensatory  
tracking and keyboard digit processing tasks p0054 A78-18824

Perseveration effects in detection tasks with  
correlated decision intervals --- applied to  
pilot collision avoidance p0083 A78-23999

Transfer of training on manual control systems  
differing in short period frequency and damping  
characteristics p0133 A78-29541

Effects of altitude and heat on complex cognitive  
tasks p0133 A78-29544

Mental work-load as a function of demand,  
capacity, strategy and skill p0159 A78-35852

Forgotten alternatives in skill and work-load  
p0159 A78-35853

A model of human decisionmaking in a fault  
diagnosis task p0195 A78-37130

Evaluation method of mental workload under flight  
conditions --- relationship to heart rate  
variability p0215 A78-41168

Processes of learning complex behavior p0273 A78-49801

Contributions regarding work load measurement and  
learning behavior in simulated STOL approaches  
--- German book p0296 A78-52499

Studies on Pilot Workload --- psychophysiological  
factors [AGARD-CP-217] p0090 N78-16621

A study on pilot's workload in helicopter  
operation under simulated IMC employing a  
forward looking sensor p0091 N78-16627

Methods to assess pilot workload and other  
temporal indicators of pilot performance  
effectiveness --- during aircraft carrier landings  
p0091 N78-16630

A comparison of the vigilance performance of men  
and women using a simulated radar task  
[AD-A053674] p0232 N78-27769

Human reliability analysis of dependent events  
[SAND-77-1396C] p0233 N78-27771

Pilot workload analysis based upon in-flight  
physiological measurements and task analysis  
methods [NLR-MP-76001-U] p0256 N78-29762

Determination of stress and strain of air traffic  
control officers --- physiological response  
measurements p0287 N78-31751

## TASKS

## NT AUDITORY TASKS

## NT VISUAL TASKS

- A strategy for the development of training devices p0153 A78-32676
- Effect of alcohol and distraction task on the behavior of a person riding a bicycle simulator p0068 A78-15703
- Development of prediction models for effort levels in manual jobs p0226 A78-26739

## TASTE

- The possibility of studying ageusia during weightlessness by the electrogustometric method p0106 A78-28325
- Microwave absorption and taste aversion as a function of 915 MHz radiation p0166 A78-22594

## TAXONOMY

- Seagrass literature survey (AD-A054480) p0252 A78-29729

## TAYLOR SERIES

- A subjective method for the measurement of monochromatic aberrations of the eye p0036 A78-16083

## TAYLOR THEOREM

## U TAYLOR SERIES

## TCV PROGRAM

## U TERMINAL CONFIGURED VEHICLE PROGRAM

## TEACHING

## U EDUCATION

## TECHNIQUES

## U METHODOLOGY

## TECHNOLOGIES

## NT MILITARY TECHNOLOGY

- Assessing biomedical technologies. An inquiry into the nature of the process p0043 A78-13727

## TECHNOLOGY ASSESSMENT

- Concerning the utilization of electronic displays in the field of aeronautics p0132 A78-29299

- Technology requirements for non-terrestrial ecosystems p0268 A78-48666

- Main stages and prospects of development of space biology and medicine p0110 A78-18680

- Aviation medicine on the sixtieth anniversary of the great October revolution p0110 A78-18681

- Technology advancement of the static feed water electrolysis process [NASA-CR-152073] p0126 A78-19772

- Nitrogen oxides: Current status of knowledge [EPRI-PA-668] p0283 A78-31723

## TECHNOLOGY TRANSFER

- Before the long journey --- the development of space biology and medicine [NASA-TN-75098] p0203 A78-24781

## TECHNOLOGY UTILIZATION

- Research and technology in the health field p0050 A78-18514

- Advances in sterilization and decontamination: A survey [NASA-SP-51051] p0085 A78-16587

- Space life sciences pilot user development program for the midwest region [NASA-CR-151819] p0251 A78-29723

## TECTONIC MOVEMENT

## U TECTONICS

## TECTONICS

- On extraterrestrial causes of the earth's dynamic processes and extinction of life p0220 A78-42951

## TEE

## U T SHAPE

## TESTING

- Oxygen content of blood during prolonged rocking p0125 A78-19766

## TELECHIRICS

## U REMOTE HANDLING

## TELECOMMUNICATION

## NT BIOTELEMETRY

## NT COLOR TELEVISION

## NT RADIO TELEGRAPHY

## NT RADIO TELEMETRY

## NT VOICE COMMUNICATION

## NT VOICE DATA PROCESSING

## TELEMETRY

## NT BIOTELEMETRY

## NT RADIO TELEMETRY

## TELEOPERATORS

- Functional structure and evaluation criteria of instrumental space operations --- cognitive and performance aspects p0023 A78-13600

- Robots and manipulator systems. Part 2 --- Conference papers p0136 A78-30501

- Inertia forces of robots and manipulators p0136 A78-30503

- Stochastic modelling of remotely manned systems p0136 A78-30509

- Effect of hand-based sensors on manipulator control performance p0136 A78-30510

- NASA develops teleoperator retrieval system [NASA-NEWS-RELEASE-78-49] p0126 A78-19771

## TELEVISION SYSTEMS

## NT COLOR TELEVISION

- Resolution requirements for slow-scan television transmission of X-rays. A test report for the remote medical diagnosis system [AD-A047870] p0095 A78-17669

## TELEVISION TRANSMISSION

- Resolution requirements for slow-scan television transmission of X-rays. A test report for the remote medical diagnosis system [AD-A047870] p0095 A78-17669

## TEMPERATURE

## NT AMBIENT TEMPERATURE

## NT BODY TEMPERATURE

## NT HIGH TEMPERATURE

## NT PLANETARY TEMPERATURE

## NT ROOM TEMPERATURE

## NT SKIN TEMPERATURE (BIOLOGY)

## TEMPERATURE CONTROL

- Controlling human heat content - Method and application p0033 A78-15582

- Automatic control of human thermal comfort with a liquid-cooled garment [NASA-TN-58205] p0013 A78-11704

- RF cell culture irradiation system with controlled temperature and field strength [PB-274793/9] p0114 A78-18712

- The role of clothing in achieving acceptability of environmental temperatures between 65 F and 85 F (18 C and 30 C) [AD-A052563] p0206 A78-24803

- The effect of direct heating and cooling of heat regulation centers on body temperature [NASA-TN-75450] p0309 A78-32703

## TEMPERATURE DISTRIBUTION

- Temperature distribution in the human body under various conditions of induced hyperthermia [NASA-TN-75139] p0011 A78-11688

## TEMPERATURE EFFECTS

- Influence of adaptation to hypoxia on the dependence of internal respiration on temperature and oxygen tension in vitro p0100 A78-26610

- Effects of high ambient temperature on sleep in young men p0214 A78-41158

- Physiological responses to cold [PB-273254/3] p0088 A78-16612

- Females and hot environments [PB-273257/6] p0089 A78-16613

- Temperature influences on growth of aquatic organisms [CONF-770516-9] p0122 A78-19744

- Heat-invoked changes in ascorbic acid levels on the rabbit eye p0169 A78-22617

- Comparison of blood flow in normal subjects during applications of heat, cold, and exercise at therapeutic levels p0178 A78-22691

- Modelling the thermal effects of blood flow in human skin p0179 A78-22703

- Vestibular reactions to long-term caloric stimulation of the rabbit labyrinth [NASA-TN-75528] p0228 A78-27735

- The 70 S monosome accumulation and in vitro initiation complex formation by Escherichia coli

## TEMPERATURE FIELDS

## SUBJECT INDEX

ribosomes at 5 C  
[NASA-CR-157591] p0279 N78-31691

TEMPERATURE FIELDS  
U TEMPERATURE DISTRIBUTION  
TEMPERATURE INDICATORS  
U TEMPERATURE MEASURING INSTRUMENTS  
TEMPERATURE INSTRUMENTS  
U TEMPERATURE MEASURING INSTRUMENTS  
TEMPERATURE INVERSIONS  
NT CENTRIFUGING STRESS  
TEMPERATURE MEASURING INSTRUMENTS  
Design of a pyro-electric vidicon camera for  
medical thermography  
[THT-TM-77-009] p0113 N78-18707  
Instrumentation for the measurement of the  
evaporative and radiative heat loss rates from  
man in a normal working mode p0278 N78-30819  
A method of recording heat parameters of divers  
during work p0280 N78-31703

TENDONS  
Investigation of the regulation system for  
vertical posture by means of vibrational  
stimulation of muscle spindles p0071 A78-21178

TENNESSEE  
Distribution of phytoplankton in Tennessee lakes  
[PB-280139/7] p0276 N78-30803

TERMINAL CONFIGURED VEHICLE PROGRAM  
Research in pilot scanning behavior p0239 A78-45438

TERNARY SYSTEMS (DIGITAL)  
U DIGITAL SYSTEMS

TERPENES  
Phytanyl-glycerol ethers and squalenes in the  
archaeobacterium Methanobacterium  
thermoautotrophicum p0260 A78-47892

TERRAIN FOLLOWING AIRCRAFT  
Visual workload of the copilot/navigator during  
terrain flight  
[AD-A055038] p0286 N78-31742

TERRESTRIAL MAGNETISM  
U GEOMAGNETISM  
TERRESTRIAL PLANETS  
NT MARS (PLANET)  
TEST BEDS  
U TEST EQUIPMENT  
TEST CHAMBERS  
NT HYPERBARIC CHAMBERS  
NT PHYTOTRONS  
Human exposure system for controlled ozone  
atmospheres  
[PB-276618/6] p0180 N78-22710

TEST EQUIPMENT  
Application of commercially available filter  
components for psychoacoustic testing  
p0273 A78-49898  
GOI anomaloscopes used to set standards for color  
vision of flight personnel p0307 N78-32688

TEST PILOTS  
A pilot evaluation of two G-seat cueing schemes  
[NASA-TP-1255] p0285 N78-31739

TESTERS  
U TEST EQUIPMENT  
TESTES  
Spectrophotofluorometric and electron microscopic  
study of Lipofuscin accumulation in the testis  
of aging mice p0267 A78-48581

TESTING  
U TESTS  
TESTING MACHINES  
U TEST EQUIPMENT  
TESTS  
NT ORBITAL FLIGHT TESTS (SHUTTLE)  
Formation and management of an expert  
toxicological review team for literature search,  
evaluation and organization of currently  
available rapid toxicological tests, volume 2  
[AD-A056312] p0315 N78-33719

TEXTILES  
Strong sensitizers  
[PB-280475/5] p0284 N78-31728

TEXTURES  
Texture discrimination and Fourier analysis in  
human vision

Experiments in texture perception p0303 A78-53865  
[AD-A043402] p0012 N78-11695

THALAMUS  
Response of neurons of associative nuclei in the  
thalamus during thermal action on the anterior  
hypothalamus and the skin p0156 A78-34784  
Effects of ethanol on visual unit activity in the  
thalamus p0148 N78-21754  
[AD-A050922]  
Circadian changes in activity of the  
hypothalamus-hypophysis-adrenal system in  
animals differing in individual radio-sensitivity  
--- using epinephrine test p0175 N78-22676

THALLIUM  
NT THALLIUM ISOTOPES  
THALLIUM ISOTOPES  
Thallium-201 myocardial perfusion scintigraphy for  
the clinical clarification of normal, abnormal  
and equivocal electrocardiographic stress tests  
p0073 A78-21450  
Evaluation of thallium-201 scanning for detection  
of latent coronary artery disease  
[NASA-CR-151662] p0144 N78-20756

THEOREMS  
NT BAYES THEOREM  
THERAPY  
NT CHEMOTHERAPY  
NT PSYCHOTHERAPY  
NT RADIATION THERAPY  
Behavior therapy and the treatment of flight phobia  
p0266 A78-48086  
Electromagnetic field levels near radar therapy  
equipment p0146 N78-20765  
Comparison of blood flow in normal subjects during  
applications of heat, cold, and exercise at  
therapeutic levels p0178 N78-22691  
Electrical enhancement of healing in combat  
injuries to hard and soft tissues p0282 N78-31718  
[AD-A055531]

THERMAL COMFORT  
Relationships between ambient, cockpit, and pilot  
temperatures during routine air operations  
p0078 A78-21734  
Metabolic and thermal responses of men wearing  
cold-protective clothing to various degrees of  
cold stress p0272 A78-49298  
Thermal analysis; Human comfort; Indoor  
Environments: Proceedings of a Symposium  
[PB-272862/4] p0069 N78-15704

THERMAL DECOMPOSITION  
U PYROLYSIS  
THERMAL EFFECTS  
U TEMPERATURE EFFECTS  
THERMAL ENVIRONMENTS  
Peptide formation in the prebiotic era - Thermal  
condensation of glycine in fluctuating clay  
environments p0215 A78-41220  
Thermal analysis; Human comfort; Indoor  
Environments: Proceedings of a Symposium  
[PB-272862/4] p0069 N78-15704

THERMAL INSULATION  
Evaluating experiments of heat insulation of life  
raft by dummy and human body p0001 A78-10195  
Effect of clothing insulation beneath an immersion  
coverall on the rate of body cooling in cold water  
p0133 A78-29560  
Underclothing and its physiological effects in a  
hot-dry environment p0182 N78-22725  
[AD-A050540]

THERMAL PROTECTION  
Heat transfer principles in personal protection  
applications p0292 A78-51222

THERMAL RADIATION  
Thermal characterization of superficial living  
tissues which have undergone different types of  
trauma p0200 A78-39581  
[ONERA, TP NO. 1978-35]

THERMAL RESISTANCE  
Dry-heat resistance of selected psychrophiles ---  
Viking lander in spacecraft sterilization

- THERMAL RESOURCES p0105 A78-27897  
 NT GEOTHERMAL RESOURCES  
 THERMAL STRESSES  
 Effects of high ambient temperature on sleep in young men p0214 A78-41158  
 Measurement of heat stress: Kiowa and Musketeer cockpits [AD-A046388] p0066 A78-15686  
 THERMODYNAMIC EQUILIBRIUM  
 The hydrophobic effect and the organization of living matter p0195 A78-36773  
 THERMODYNAMIC PROPERTIES  
 NT PYROELECTRICITY  
 NT VOLATILITY  
 THERMODYNAMICS  
 Thermodynamic criteria for the optimality of control functions of a dynamic system during transient processes in the organism p0213 A78-41008  
 Concerning structural problems of biological thermodynamics p0214 A78-41017  
 THERMOELASTICITY  
 Theoretical calculation of frequencies and thresholds of microwave-induced auditory signals p0080 A78-21879  
 THERMOGRAMS  
 U RECORDING INSTRUMENTS  
 U TEMPERATURE MEASURING INSTRUMENTS  
 THERMOLUMINESCENCE  
 Use of thermoluminescence dosimetry for measuring the radiation emitted by color TV sets p0145 A78-20763  
 THERMOMECHANICS  
 U THERMODYNAMICS  
 THERMOPHILIC PLANTS  
 NT BLUE GREEN ALGAE  
 THERMOPHYSICAL PROPERTIES  
 NT PYROELECTRICITY  
 NT VOLATILITY  
 THERMOPHYSICS  
 U THERMODYNAMICS  
 THERMORECEPTORS  
 Temperature sensitivity of man to cold p0156 A78-34786  
 THERMOREGULATION  
 Hypothalamic thermoregulatory pathways in the rat p0033 A78-15517  
 Altered control of skin blood flow during exercise at high internal temperatures p0033 A78-15519  
 Role of brain  $Ca^{2+}$  in central control of body temperature during exercise in the monkey p0050 A78-18081  
 Plasma  $/Na^{+}/$ ,  $/Ca^{++}/$ , and volume shifts and thermoregulation during exercise in man p0053 A78-18573  
 Generalized EEG changes in the rabbit during selective cooling and heating of the posterior hypothalamus p0072 A78-21195  
 Characteristics of heat-sensitive neurons in the posterior hypothalamus p0081 A78-22498  
 Influence of local increase in the temperature of the anterior hypothalamus on the bioelectrical activity of the brain p0081 A78-22499  
 Intravascular volume and tonicity as factors in the regulation of body temperature p0082 A78-23603  
 Thermoregulation is impaired in an environment without circadian time cues p0084 A78-24818  
 Quantitative evaluation of thyroid secretion in the white rat during cold adaptation p0100 A78-26609  
 Aftereffects of short-term cooling and their significance in cold adaptation p0107 A78-28450  
 Effects of atropine and beta-blockade on temperature regulation and performance during prolonged exercise p0154 A78-34081  
 Response of neurons of associative nuclei in the thalamus during thermal action on the anterior hypothalamus and the skin p0156 A78-34784  
 Enhancement factor in the thermoregulatory system at varying ambient temperature p0156 A78-34787  
 Effect of altitude acclimatization on thermoregulation efficiency of man p0157 A78-35107  
 Sexual variations in thermoregulation during heat stress p0157 A78-35108  
 Heat loss from the skin surface of the human body - Deductions from a symmetry of constant mean surface curvature p0201 A78-39748  
 Dynamic characteristics of heat exchange and moisture exchange in the human body p0213 A78-41011  
 Neural organization and evolution of thermal regulation in mammals p0215 A78-41216  
 Indices of thermoregulatory strain for moderate exercise in the heat p0217 A78-42005  
 Dynamics of thermoregulation during adaptation to strenuous muscular activity with respiratory changes p0219 A78-42668  
 Heat losses and body temperature of albino rats during hyperoxia p0235 A78-43642  
 Increased heat production of muscular contraction after cold adaptation p0237 A78-44009  
 Heat production in isolated skeletal muscles from albino rats adapting to cold p0238 A78-44218  
 Cold-induced vasodilatation response at different water bath temperatures in monkeys p0242 A78-46411  
 Operational characteristics of liquid-conditioned suits p0242 A78-46415  
 Metabolic and thermal responses of men wearing cold-protective clothing to various degrees of cold stress p0272 A78-49298  
 The role of a decrease in body heat content in the thermoregulatory response of ear passageways p0293 A78-51661  
 Sweating response: A means of evaluating the set-point theory during exercise p0005 A78-10687  
 Brain monoamines and temperature regulation p0123 A78-19749  
 Possibility of retaining thermal balance of the human body in an extremely rarefied atmosphere by means of vacuum evaporation of perspiration from the body surface p0184 A78-23715  
 Effect of altered gravity on temperature regulation in mammals: Investigation of gravity effect on temperature regulation in mammals [NASA-CR-157570] p0275 A78-30797  
 The effect of seawater on thermoregulator centers [NASA-TN-75443] p0305 A78-32669  
 The effect of direct heating and cooling of heat regulation centers on body temperature [NASA-TN-75450] p0309 A78-32703  
 THERMOTROPISM  
 U TEMPERATURE EFFECTS  
 THICKNESS  
 The measurement of tissue thickness and tissue compliance in man p0170 A78-22627  
 THINNESS  
 U SOLVENTS  
 THIOLES  
 NT CYSTEINE  
 THORAX  
 Evaluation of biomechanical response and potential injury from thoracic impact p0073 A78-21704  
 Finite element dynamic structural model of the human thorax for chest impact response and injury studies p0074 A78-21706  
 Protection of the cardiopulmonary systems against the injurious effects of acceleration

- [AD-A050142] p0149 N78-21755  
**THREE DIMENSIONAL COMPOSITES**  
 Three-dimensional reconstruction and display of anatomical and pathological structures from their serial sections --- by means of computer systems p0086 N78-16598
- THREE DIMENSIONAL FLOW**  
 Particle deposition in bends and repeatedly bifurcating tubes p0086 N78-16592
- THREE DIMENSIONAL MOTION**  
 NT **THREE DIMENSIONAL FLOW**  
 Theory and application of a three-dimensional model of the human spine p0074 A78-21708
- THRESHOLD SHIFT**  
 U **THRESHOLDS**  
**THRESHOLDS**  
 Ocular hazards of picosecond and repetitive-pulsed lasers. Volume 1: Nd YAG laser (1064 nm) [AD-A053765] p0230 N78-27758  
 Ocular hazards of picosecond and repetitive-pulsed lasers. Volume 2: Argon-ion laser (514.5 nm) [AD-A053766] p0231 N78-27759
- THRESHOLDS (PERCEPTION)**  
 Threshold visibility of frequency gradient patterns p0025 A78-14414  
 Spatial sensitization as a function of delay --- in human vision p0025 A78-14415  
 Chromatic two-pulse resolution with and without luminance transients --- in temporal processing of visual stimuli p0035 A78-16082  
 Temporal properties of the human visual nervous system p0037 A78-17097  
 Theoretical calculation of frequencies and thresholds of microwave-induced auditory signals p0080 A78-21879  
 Dynamics of conditioned-reflex realignments of human visual recognition and detection p0106 A78-28124  
 The possibility of studying ageusia during weightlessness by the electrogustometric method p0106 A78-28325  
 Visual adaptation to patterns containing two-dimensional spatial structure p0137 A78-30741  
 Theoretical limit to the contrast sensitivity of the human visual analyzer p0154 A78-33817  
 Pattern and movement detection in man and rabbit - Separation and comparison of occipital potentials p0155 A78-34334  
 Thresholds of perception for periodic linear motion p0157 A78-35103  
 Adaptation, afterimages and cone saturation p0191 A78-36550  
 A temporary threshold shift for self-motion detection following sustained, oscillating linear acceleration p0216 A78-41810  
 Perimetry of contrast detection thresholds of moving spatial sine wave patterns. I - The near peripheral visual field /eccentricity 0-8 deg/. II - The far peripheral visual field /eccentricity 0-50 deg/. III - The target extent as a sensitivity controlling parameter. IV - The influence of the mean retinal illuminance p0217 A78-42473  
 Interocular light adaptation effect on the Lie 'specific threshold' p0221 A78-43187  
 A facilitation effect in orientation discrimination --- relation to visual stimulus onset asynchrony p0295 A78-51957  
 The effect of temporal parameters on the suprathreshold continuous/interrupted separation in normal hearing subjects p0064 N78-15675  
 The relationship between the acoustic reflex and loudness discomfort in normal and sensorineural ears p0085 N78-16590  
 RF cell culture irradiation system with controlled temperature and field strength [PB-274793/9] p0114 N78-18712
- Auditory frequency selectivity and two-tone suppression in normal hearing human listeners p0308 N78-32697
- THROMBIN**  
 The interaction of thrombin and platelets p0229 N78-27746
- THROMBOSIS**  
 Dietary fats and arterial thrombosis: Effects and mechanism of action p0180 N78-22711
- THROTTLING**  
 Manual control in target tracking tasks as a function of control type task loading and vibration --- aircraft throttle grip under compensatory tracking loads [AD-A043903] p0042 N78-12671
- THYMUS GLAND**  
 Characterization and study of the mechanism of the thymus factor /thymarine/ p0241 A78-45988
- THYROID GLAND**  
 Increased urinary excretion of triiodothyronine /T3/ and thyroxine /T4/ and decreased serum thyrotropic hormone /TSH/ induced by motion sickness p0079 A78-21742  
 Quantitative evaluation of thyroid secretion in the white rat during cold adaptation p0100 A78-26609
- THYROXINE**  
 Increased urinary excretion of triiodothyronine /T3/ and thyroxine /T4/ and decreased serum thyrotropic hormone /TSH/ induced by motion sickness p0079 A78-21742
- TILT**  
 U **ATTITUDE (INCLINATION)**
- TILTING**  
 U **ATTITUDE (INCLINATION)**
- TIME**  
 NT **REACTION TIME**  
**TIME CONSTANT**  
 NT **PERCEPTUAL TIME CONSTANT**  
**TIME DELAY**  
 U **TIME LAG**  
**TIME DEPENDENCE**  
 A spatial-temporal filtering procedure for cardiac potential mapping p0158 A78-35193  
 The effect of sound duration on annoyance p0294 A78-51841  
 Some effects of Org. 2766 on various performance tasks [IZP-1977-18] p0225 N78-26734  
 Self diffusion in cells and tissues [AD-A053422] p0251 N78-29727
- TIME DISCRIMINATION**  
 Time base for the performance of functions by cosmonauts p0022 A78-13585
- TIME LAG**  
 Spatial sensitization as a function of delay --- in human vision p0025 A78-14415  
 Temporal limitations of processing of visual information by a human operator p0196 A78-37745  
 Time delays in flight simulators - Behavioral and engineering analyses [AIAA 78-1596] p0291 A78-50670  
 A comparison of control modes for time delayed remote manipulation p0285 N78-31737
- TIME MEASUREMENT**  
 Psychophysiological aspects of time perception (the memory of speed) p0006 N78-10691
- TIME OPTIMAL CONTROL**  
 Controller design for a manipulator using theory of variable structure systems p0083 A78-24000
- TIME RESPONSE**  
 Circadian rhythm dissociation in an environment with conflicting temporal information p0299 A78-52699
- TIME SERIES ANALYSIS**  
 Second-order correlation functions and bi-spectra in biological-rhythm research p0004 A78-12601

- Classification of sleep stage with period analysis features derived from the EEG p0101 A78-26737
- Some aspects and achievements of the application of mathematical analysis to cardiac rhythmology p0198 A78-38753
- A multiparameter time domain averaging model of the human operator [AD-A054676] p0256 A78-29758
- Biochemical adaptations of antigravity muscle fibers to disuse atrophy [NASA-CR-151822] p0275 A78-30796
- TIME SHARING**
- An investigation of time-sharing ability as a factor in complex performance --- for divided-attention tasks p0054 A78-18821
- Manipulating the conditions of training in time-sharing performance --- for compensatory tracking and keyboard digit processing tasks p0054 A78-18824
- TINING**
- U TIME MEASUREMENT**
- TISSUES (BIOLOGY)**
- NT ADIPOSE TISSUES**
- NT PERITONEUM**
- Biomechanics --- mechanical properties of soft tissue p0023 A78-13991
- Influence of adaptation to hypoxia on the dependence of internal respiration on temperature and oxygen tension in vitro p0100 A78-26610
- Predictions of thermal transients and thermal damage resulting from laser irradiation of tissue p0199 A78-38787
- Thermal characterization of superficial living tissues which have undergone different types of trauma [ONERA, TP NO. 1978-35] p0200 A78-39581
- Regulation of intracellular pH in lungs and other tissues during hypercapnia p0236 A78-43792
- Oxygen electrode design criteria and performance characteristics - Recessed cathode --- for tissue oxygen tension measurement p0236 A78-43794
- Investigation of the activity of isocitrate dehydrogenase and malate dehydrogenase in tissues of rats with different resistance to acute hypoxic hypoxia p0237 A78-44092
- Hypoxia tolerance in rats in relation to tissue glycogen levels p0265 A78-48078
- Retinal tissue damage induced by single ultrashort 1060 nm laser light pulses p0292 A78-51078
- Significance of glycolysis in tissues for the combined action of hypercapnia, hypoxia, and hypothermia p0294 A78-51662
- Effect of surface texture by ion beam sputtering on implant biocompatibility and soft tissue attachment [NASA-CR-135311] p0109 A78-18672
- RF dielectric properties measurement system: Human and animal data [PB-274776/4] p0114 A78-18711
- Mucopolysaccharides and collagen of tissues in hypokinetic rats p0115 A78-18723
- Effect of prolonged space flight on protein biosynthesis in various rat organs and tissues p0118 A78-18743
- The rate of synthesis and decomposition of tissue proteins in hypokinesia and increased muscular activity [NASA-TN-75203] p0123 A78-19751
- Electric field measurements within biological media p0167 A78-22601
- A finite element technique for calculating induced internal fields and power deposition in biological media of complex irregular geometry exposed to plane wave electromagnetic radiation p0167 A78-22604
- The measurement of tissue thickness and tissue compliance in man p0170 A78-22627
- The influence of strain rate on the mechanical properties of human skin and subcutaneous tissue p0179 A78-22700
- Motor activity and prevention of consequences of hypokinesia (on the basis of indices of tissular metabolism) --- DNA RNA and protein content p0185 A78-23720
- Distribution of tissue water and electrolytes in normal rhesus macaques [AD-A052019] p0188 A78-23738
- A note on the tissue star dose in personnel radiation monitoring in space [NASA-CR-151724] p0208 A78-25758
- Coupling apparatus for ultrasonic medical diagnostic system [NASA-CASE-NPO-13935-1] p0208 A78-25761
- High resolution ultrasonic scanning of animal and human tissue in-vivo [ORNL-TN-5934] p0253 A78-29742
- Volume-restricted freezing of living cells and tissues [ORNL/MT-265] p0313 A78-33705
- Tissue identification by ultrasound [NASA-CR-157776] p0314 A78-33716
- Physical mechanisms for biological effects of ultrasound [PB-282234/4] p0316 A78-33725
- TITANIUM**
- Toxicological investigation of zinc and titanium smoke compositions. A literature study [POA-C-40072-H2] p0254 A78-29744
- TOBACCO**
- Smoking --- pathological, physiological and behavioral effects p0020 A78-13517
- Hypoxia, smoking history, and exercise --- at simulated altitudes p0161 A78-36155
- The Use and Abuse of Social Drugs [AGARD-CP-218] p0094 A78-17658
- The influence of tobacco from a medical standpoint - on French pilots p0094 A78-17660
- TOLERANCES (MECHANICS)**
- NT IMPACT TOLERANCES**
- TOLERANCES (PHYSIOLOGY)**
- NT ACCELERATION TOLERANCE**
- NT ALTITUDE TOLERANCE**
- NT COLD TOLERANCE**
- NT HEAT TOLERANCE**
- NT HUMAN TOLERANCES**
- NT RADIATION TOLERANCE**
- Tolerance and cross-tolerance using NO2 and O2. I - Toxicology and biochemistry p0130 A78-29030
- Tolerance and cross-tolerance using NO2 and O2. II - Pulmonary morphology and morphometry p0130 A78-29031
- Gas elimination during a single-stage decompression p0298 A78-52637
- A comparison of exercise responses of males and females during acute exposure to hypobaria [AD-A045383] p0095 A78-17668
- Human endurance of recurrent +G sub z accelerations p0175 A78-22670
- Information profiles on potential occupational hazards [PB-276678/0] p0180 A78-22712
- Study of impact tolerance through free-fall investigations [PB-277537/7] p0234 A78-27780
- The lumbosacral segment as a vulnerable region in various postures [NASA-TN-75579] p0314 A78-33713
- TOMOGRAPHY**
- Medical ultrasonic tomographic system [NASA-CR-155269] p0040 A78-12659
- Digital enhancement of computerized axial tomograms [NASA-TN-78974] p0279 A78-31690
- Quantitative organ visualization p0313 A78-33708
- TONOMETRY**
- U INTRAOCULAR PRESSURE**
- U PRESSURE MEASUREMENTS**
- TONUS**
- U MUSCULAR TONUS**
- TOOLS**
- NT SAWS**



# TORNADO AIRCRAFT

# SUBJECT INDEX

## TORNADO AIRCRAFT U MCA AIRCRAFT

### TORSO

Spacesuit torso closure  
[NASA-CASE-ABC-11100-1] p0285 N78-31736

### TOUCH

NT TACTILE DISCRIMINATION  
Some influences of touch and pressure cues on  
human spatial orientation p0161 A78-36157  
Human engineering evaluation of a cockpit  
display/input device using a touch sensitive  
screen p0223 N78-26056

### TOWERS

NT AIRPORT TOWERS

### TOXIC DISEASES

NT CARBON MONOXIDE POISONING

### TOXIC HAZARDS

On the toxicity of fire-resistant materials -  
Methods of study p0019 A78-13506

The ozone problem associated with technical and  
health considerations in aviation p0057 A78-20293

Effect of carbon monoxide and nitrogen dioxide on  
ICR mice p0081 A78-22494

Studies with the USP/NASA toxicity screening test  
method - Oxygen concentrations with various test  
conditions p0081 A78-22496

Occupational hazards of missile operations with  
special regard to the hydrazine propellants p0140 A78-31843

Reproducibility of toxicity test data as a  
function of mouse strain, animal lot, and operator  
--- for bisphenol A polycarbonate p0191 A78-36599

Inhalation toxicology: 1. Design of a  
small-animal test system. 2. Determination of  
the relative toxic hazards of 75 aircraft cabin  
materials [AD-A043646] p0011 N78-11681

Materials safety data sheets: The basis for  
control of toxic chemicals, volume 2  
[ORNL/TM-5722] p0044 N78-13729

Materials safety data sheets: The basis for  
control of toxic chemicals, volume 1  
[ORNL/TM-5721-VOL-1] p0044 N78-13730

Translations on USSR science and technology:  
Biomedical and behavioral sciences, no. 20  
[JPRS-70486] p0089 N78-16616

Toxic substances alert program  
[NASA-TM-73866] p0144 N78-20755

Evaluation of an electrochemical detector for  
trace concentrations of hydrazine compounds in air  
--- space shuttle related toxic hazards  
[AD-A054636] p0250 N78-28811

Hazards of organic working fluids  
[BNL-50761] p0283 N78-31725

Air quality criteria for lead  
[PB-280411/0] p0284 N78-31730

Physiological response to atmospheric pollutants  
[PB-280413/6] p0284 N78-31731

Acrylonitrile  
[PB-280478/9] p0310 N78-32713

### TOXICITY

NT CARBON MONOXIDE POISONING

On the toxicity of fire-resistant materials -  
Methods of study p0019 A78-13506

Acute and sub-acute inhalation toxicity of  
peroxyacetyl nitrate and ozone in rats p0024 A78-14192

Acute toxicity of selected hydrazines to the  
common guinea pig p0032 A78-15254

Effects of hyperbaric oxygen and glutathione on  
mammalian liver metabolism p0242 A78-46412

A controlled bioassay system for measuring  
toxicity of heavy metals [PB-267973/6] p0005 N78-10685

The role of monamine oxidase inhibition in the  
acute toxicity of chlorthalidone [AD-A045507] p0093 N78-17656

High sensitivity Fourier transform NMR.  
Intermolecular interactions between

environmental toxic substances and biological

macromolecules [PB-274011/6] p0109 N78-18675

Toxic substances alert program  
[NASA-TM-73866] p0144 N78-20755

Antifouling activity of phytotoxic compounds and  
experimental polymeric algicides [BRL-R-698] p0148 N78-21747

The combined effect of volatile products of  
thermal oxidation decomposition of lubricating  
oil and hypoxic hypoxia on the organism p0185 N78-23723

Toxicology and metabolism of nickel compounds  
[COO-3140-36] p0225 N78-26728

Toxicity of vinyl chloride. A bibliography with  
abstracts [NTIS/PS-78/0442/0] p0225 N78-26730

Behavior, ecology and toxicity of venomous marine  
fishes [AD-A054925] p0279 N78-31692

Toxicological evaluation of Pyrethrins Fogging  
Concentrate (trade name) study No. 51-1309-78  
[AD-A055088] p0282 N78-31715

### TOXICITY AND SAFETY HAZARD

Materials safety data sheets: The basis for  
control of toxic chemicals, volume 1  
[ORNL/TM-5721-VOL-1] p0044 N78-13730

Information profiles on potential occupational  
hazards [PB-276678/0] p0180 N78-22712

A literature review: Problem definition studies  
on selected toxic chemicals. Volume 6:  
Occupational health and safety and environmental  
aspects of urea-formaldehyde resins [AD-A054991] p0282 N78-31716

Nitrosamines [PB-280479/7] p0284 N78-31727

Strong sensitizers [PB-280475/5] p0284 N78-31728

A literature review: Problem definition studies  
on selected toxic chemicals. Volume 4:  
Occupational health and safety aspects of the  
fog oils SGP No. 1 and SGP No. 2 and smoke  
screens generated from them [AD-A055903] p0310 N78-32709

Air pollution assessment of vinylidene chloride  
[PB-280624/8] p0310 N78-32714

### TOXICOLOGY

Hypoxia survival variations in male and female  
mice as functions of chronological and  
environmental factors p0265 A78-48082

Functional localization in the nucleus rotundus  
[AD-A047717/4] p0122 N78-19743

Toxicological investigation of zinc and titanium  
smoke compositions. A literature study  
[FOA-C-40072-H2] p0254 N78-29744

Toxicology of metals, volume 3  
[PB-280115/7] p0277 N78-30813

Toxicological evaluation of Pyrethrins Fogging  
Concentrate (trade name) study No. 51-1309-78  
[AD-A055088] p0282 N78-31715

Formation and management of an expert  
toxicological review team for literature search,  
evaluation and organization of currently  
available rapid toxicological tests, volume 1  
[AD-A056311] p0315 N78-33718

Formation and management of an expert  
toxicological review team for literature search,  
evaluation and organization of currently  
available rapid toxicological tests, volume 2  
[AD-A056312] p0315 N78-33719

### TRACE CONTAMINANTS

Development of a preprototype trace contaminant  
control system --- for space stations  
[NASA-CR-151632] p0097 N78-17681

Evaluation of an electrochemical detector for  
trace concentrations of hydrazine compounds in air  
--- space shuttle related toxic hazards  
[AD-A054636] p0250 N78-28811

### TRACE ELEMENTS

The influence of trace metals in disperse aerosols  
on the human body burden of trace metals p0224 N78-26720

### TRACERS

Evaluation of congenital heart defects from  
dynamic tracer measurements p0130 A78-28872

## TRACHEA

The effect of chronic exposure to pure oxygen at normal pressure in the mucous-ciliary function of air passages

p0059 A78-20549

Particle deposition in bends and repeatedly bifurcating tubes

p0086 N78-16592

Micro-fluid exchange coupling apparatus --- a microrespirator to allow surgery on rats or mice [NASA-CASE-ARC-11114-1]

p0315 N78-33717

## TRACKING (POSITION)

## NT COMPENSATORY TRACKING

## NT OPTICAL TRACKING

## NT PURSUIT TRACKING

## NT RADAR TRACKING

## NT WILDLIFE RADIOLOCATION

A psychological factor in the optimization of operator function during monotonous tracking

p0022 A78-13588

Good and poor tracking performance manifest in error and eye movement phase planes

p0033 A78-15583

Defining the boundary in a positioning task

p0037 A78-17124

Effect of antiorthostatic exposure on heart-rate dynamics and quality of tracking by human operator --- space flight simulation

p0071 A78-21179

Conceptual stress study model --- of vibration effects on human operator in tracking task

p0077 A78-21728

Recent advances in modelling the effects of roll motion on the human operator

p0077 A78-21730

Tracking of a programmed motion by a manipulator

p0080 A78-21905

The interaction of control gain and vibration with continuous manual control performance

p0081 A78-22838

The predictive control of behaviour - Appropriate and inappropriate actions beyond the input in a tracking task

p0155 A78-34085

On the predictive, precognitive and preview manual tracking systems

p0160 A78-35924

Noise exposure, monitoring and tracking performance as a function of signal bias and task priority

p0195 A78-36676

Dual-loop model of the human controller

p0199 A78-39184

A mathematical theory for sequential input adaptive systems with applications to man-machine tracking systems

p0200 A78-39649

A model for the pilot's use of motion cubes in roll-axis tracking tasks

[AD-A043690] p0008 N78-10706

A multiparameter time domain averaging model of the human operator

[AD-A054676] p0256 N78-29758

## TRACKING FILTERS

Optimal control theory applied to the design of cue shaping filters for motion-base simulators

[AIAA 78-1575] p0290 A78-50656

## TRACKING RADAR

Radar training facility program implementation plan

[AD-A050319/3] p0189 N78-23747

## TRACKING STUDIES

## U TRACKING (POSITION)

## TRAFFIC CONTROL

## NT AIR TRAFFIC CONTROL

## TRAINERS

## U TRAINING DEVICES

## TRAINING

## U EDUCATION

## TRAINING AIRCRAFT

## NT T-37 AIRCRAFT

## TRAINING DEVICES

Shadow method of simulating the visual conditions for flight simulators and pilot trainers

p0056 A78-19734

A strategy for the development of training devices

p0153 A78-32676

Motion - Methods and requirements --- flight training simulators

[AIAA 78-1576] p0290 A78-50657

Audio-visual proficiency testing: Annotated

bibliography

[AD-A048122]

Air Force aircrew training devices: Master plan

[AD-A056940]

p0113 N78-18704

## TRAINING EVALUATION

The relationship of predevelopmental 150 training with noncompetitively selected air traffic control trainees to FAA Academy success

[AD-A055009]

p0312 N78-32722

## TRAINING SIMULATORS

## NT COCKPIT SIMULATORS

## NT FLIGHT SIMULATORS

Effect of a psychostimulant on the behavior of pilot trainees during training in a flight simulator

p0059 A78-20556

A strategy for the development of training devices

p0153 A78-32676

Critical variables in adaptive motor skills training

p0153 A78-32677

Simulation of operational equipment with a computer-based instructional system - A low cost training technology

p0153 A78-32678

Automated instructional system for advanced simulation in undergraduate pilot training /ASUPT/

p0199 A78-38796

U.S. coast guard variable cockpit training system - Our first four years with a modern simulator

p0199 A78-38797

The concepts of a proficiency advancement model for basic flight training programs

p0220 A78-43040

Method of animal training for biosatellite

p0258 A78-47110

Task-specific simulator pretraining and in-flight stress of student pilots

p0265 A78-48085

Development and validation of drive concepts for an advanced G-cuing system --- fighter/attack aircraft flying training simulators

[AIAA 78-1571]

p0289 A78-50652

Platform motion for fighter simulations --- flight training simulators

[AIAA 78-1574]

p0290 A78-50655

A unique approach to aerial refueling simulation for training boom operators

[AIAA 78-1591]

p0291 A78-50666

Radar training facility program implementation plan

[AD-A050319/3]

p0189 N78-23747

Simulators in education and training, volume 2. A bibliography with abstracts

[NTIS/PS-78/0378/6]

p0255 N78-29752

Simulators in education and training, volume 3. A bibliography with abstracts

[NTIS/PS-78/0379/4]

p0255 N78-29753

## TRANQUILIZERS

Modulation of autonomic correlates of emotional stress and adaptive responses

p0242 A78-46453

The effect of the benzodiazepine adumbran on the resting and sleep EEG and on the visual evoked potential in adult man

[RAE-LIB-TRANS-1906]

p0187 N78-23736

## TRANSCENDENTAL FUNCTIONS

## NT PERIODIC FUNCTIONS

## TRANSCONTINENTAL SYSTEMS

The influence of the journey's time of day on the de- and resynchronization of the 24-hour rhythm of body and temperature after transatlantic flights

[ESA-TT-420]

p0113 N78-18708

## TRANSDUCERS

## NT PIEZORESISTIVE TRANSDUCERS

## NT PRESSURE SENSORS

## NT ULTRASONIC WAVE TRANSDUCERS

Development of a single-unit, multioutput sensing element in a force platform for use in biomechanics applications

p0228 N78-27742

## TRANSFER FUNCTIONS

## NT MODULATION TRANSFER FUNCTION

Transfer functions for eye-level blood pressure during +Gz stress

p0018 A78-13267

## TRANSFER OF TRAINING

Transfer of training on manual control systems differing in short period frequency and damping

# TRANSFUSION

# SUBJECT INDEX

characteristics p0133 A78-29541

**TRANSFUSION**

Some indices of oxygen exchange and resistance of rats to acute hypoxia during posttransfusion polycythemia p0302 A78-53788

Synthesis and biological screening of novel hybrid fluorocarbon hydrocarbon compounds for use as artificial blood substitutes [NASA-CR-155781] p0112 N78-18702

**TRANSIENT HEATING**

Predictions of thermal transients and thermal damage resulting from laser irradiation of tissue p0199 A78-38787

**TRANSIENT RESPONSE**

Transient processes in biological systems; Conference on the Kinetics and Thermodynamics of Transient Processes in Biological Systems, Moscow, USSR, September, 12-14, 1977, Proceedings p0213 A78-41001

Examination of transient processes in the circulatory system in the framework of the theory of dynamic systems p0213 A78-41007

Thermodynamic criteria for the optimality of control functions of a dynamic system during transient processes in the organism p0213 A78-41008

Analysis of the regulation of human respiration in transient and stable periods of muscle activity p0213 A78-41010

Study of transient processes in the visceral analyzer p0213 A78-41012

Concerning the modeling of the critical periods of plant ontogenesis as transient processes in the organism p0214 A78-41016

Dynamic behavior of the visual tract p0143 N78-20748

**TRANSITION METALS**

NT CADMIUM

NT IRON

NT MANGANESE

NT MOLYBDENUM

NT TITANIUM

NT TUNGSTEN

NT TUNGSTEN ISOTOPES

NT VANADIUM

NT ZINC

**TRANSLATIONAL MOTION**

NT THREE DIMENSIONAL FLOW

NT THREE DIMENSIONAL MOTION

Continuous and pulse control of the horizontal motion of a biped walking apparatus p0104 A78-27154

**TRANSMISSION**

NT CONDUCTIVE HEAT TRANSFER

NT ELECTRIC POWER TRANSMISSION

NT HEAT TRANSFER

NT LIGHT SCATTERING

NT LIGHT TRANSMISSION

NT RADIATIVE HEAT TRANSFER

NT SOUND TRANSMISSION

NT TELEVISION TRANSMISSION

NT WAVE PROPAGATION

**TRANSMISSION CIRCUITS**

Possibility of attenuating the ecological effects of alternating current power lines as a result of new designs and circuit changes p0281 N78-31708

**TRANSMISSION LINES**

NT OPTICAL WAVEGUIDES

NT POWER LINES

Health and safety of high voltage transmission lines [JR-3490-1255] p0248 N78-28792

Possibility of attenuating the ecological effects of alternating current power lines as a result of new designs and circuit changes p0281 N78-31708

Electrical and biological effects of transmission lines: A review [BPA-BIO-77-1] p0315 N78-33722

**TRANSPORT AIRCRAFT**

NT BOEING 720 AIRCRAFT

NT BOEING 737 AIRCRAFT

NT BOEING 747 AIRCRAFT

NT C-135 AIRCRAFT

NT CARGO AIRCRAFT

NT CONCORDE AIRCRAFT

Effects of long-hose breathing --- in transport and cargo aircraft p0101 A78-26731

Cosmic radiation exposure in subsonic air transport p0140 A78-31845

Personality characteristics of pilots on EPPS, MP I and DOSEFU test. I p0191 A78-36327

Human respiratory considerations for civil transport aircraft oxygen system [AD-A053223] p0233 N78-27773

**TRANSPORT COEFFICIENTS**

U TRANSPORT PROPERTIES

**TRANSPORT PROPERTIES**

NT DIFFUSION COEFFICIENT

NT ELECTRICAL RESISTIVITY

NT GASEOUS DIFFUSION

Multichambered self-oscillating models of biological systems with nonspecific inhibition of active transport p0213 A78-41009

Calcium transport in Halobacterium halobium envelope vesicles p0267 A78-48574

Methionine transport in Halobacterium halobium vesicles - Noncompetitive, asymmetric inhibition by L-Cysteine p0267 A78-48579

**TRANSPORT VEHICLES**

Ride quality criteria of multifactor environments --- of transportation systems p0099 A78-24911

The vibrating environment in transport vehicles: A critical bibliographical study --- human tolerance to vibratory loads [RAE-LIB-TRANS-1917] p0285 N78-31738

**TRANSPORTATION**

NT AIR TRANSPORTATION

NT SPACE TRANSPORTATION

NT SPACE TRANSPORTATION SYSTEM

NT URBAN TRANSPORTATION

Ride quality criteria --- transportation system interior and passenger response to environment p0158 A78-35664

Needs of the transportation community: Present and near future p0014 N78-11707

Ride quality research techniques: Section on general techniques p0014 N78-11708

Ride quality research techniques: Section on scaling techniques p0014 N78-11709

Ride control techniques p0014 N78-11710

On scaling techniques p0014 N78-11711

**TRANSVERSE ACCELERATION**

Regional redistribution of blood during the immediate aftereffect period following exposure of rats to transverse accelerations p0308 N78-32693

**TREADMILLS**

Predictive implications of ventricular premature contractions associated with treadmill stress testing p0050 A78-18450

Tread drum for animals --- having an electrical shock station [NASA-CASE-ARC-10917-1] p0227 N78-27733

**TREES (PLANTS)**

NT CONIFERS

The role of cell membranes in the regulation of lignification in pine cells [NASA-CR-157156] p0203 N78-24783

**TRICHLORIDES**

U CHLORIDES

**TROPICAL REGIONS**

Protective clothing. Part 1: Arctic and tropical environments. A bibliography with abstracts [NTIS/PS-78/0371/1] p0250 N78-28812

**TROPICS**

U TROPICAL REGIONS

**TROPISM**

NT GEOTROPISM

**TROPOSPHERE**

Effects of Solar Activity on the Earth's

- Atmosphere and Biosphere  
[TT-75-50015] p0163 N78-22561
- TUBES (LINES)**  
O TRANSMISSION LINES
- TRYPTAMINES**  
NT SEROTONIN
- TUBERCULOSIS**  
Contractile function of the myocardium with  
prolonged hypokinesia in patients with surgical  
tuberculosis  
[NASA-TM-75115] p0224 N78-26726
- TUMORS**  
NT LEUKEMIAS  
NT NEOPLASMS
- TUNGSTATES**  
Metabolism of 181W-labeled sodium tungstate in goats  
[FOA-C-40070-A3] p0252 N78-29732
- TUNGSTEN**  
Occupational exposure to tungsten and cemented  
tungsten carbide  
[DHEW/PUB/NIOSH-77/127] p0204 N78-24792
- TUNGSTEN CARBIDES**  
Occupational exposure to tungsten and cemented  
tungsten carbide  
[DHEW/PUB/NIOSH-77/127] p0204 N78-24792
- TUNGSTEN COMPOUNDS**  
NT TUNGSTATES  
NT TUNGSTEN CARBIDES
- TUNGSTEN ISOTOPIES**  
Metabolism of 181W-labeled sodium tungstate in goats  
[FOA-C-40070-A3] p0252 N78-29732
- TUNING**  
The psychophysical tuning curve: A parametric study  
p0276 N78-30807
- TURBOFAN AIRCRAFT**  
NT BOEING 720 AIRCRAFT  
NT BOEING 737 AIRCRAFT  
NT CONCORDE AIRCRAFT
- TURBOJET AIRCRAFT**  
U JET AIRCRAFT
- TURBULENT FLOW**  
Stochastic models of algal photosynthesis in  
turbulent channel flow  
p0032 A78-15380
- TURNING FLIGHT**  
Coriolis cross-coupling effects - Disorienting and  
nauseogenic or not  
p0078 A78-21737
- Simulator study for the determination of the  
demands upon the pilot in the case of  
unconventional, spatially curved approach profiles  
--- German thesis  
p0273 A78-49406
- TWO DIMENSIONAL BODIES**  
Three-dimensional reconstruction and display of  
anatomical and pathological structures from  
their serial sections --- by means of computer  
systems  
p0086 N78-16598
- TWO DIMENSIONAL FLOW**  
Flow of micropolar fluid through a constricted  
channel  
p0056 A78-19993
- U**
- U.S.S.R.**  
Translations on USSR science and technology:  
Biomedical sciences  
[JPRS-69970] p0011 N78-11682
- Translations on USSR science and technology:  
Biomedical sciences, no. 13  
[JPRS-70057] p0039 N78-12651
- Translations on USSR science and technology:  
Biomedical and behavioral sciences, no. 14:  
Effects of nonionizing electromagnetic radiation  
[JPRS-70101] p0041 N78-12665
- Translations on USSR science and technology:  
Biomedical and behavioral sciences, no. 15  
[JPRS-70168] p0041 N78-12666
- Translations on USSR science and technology:  
Biomedical and behavioral sciences, no. 16  
[JPRS-70297] p0045 N78-13737
- Translations on USSR science and technology:  
Biomedical and behavioral sciences, no. 17  
[JPRS-70338] p0045 N78-13738
- Translations on USSR science and technology:  
Biomedical and behavioral sciences, no. 19  
[JPRS-70469] p0088 N78-16611
- Translations on USSR science and technology:  
Biomedical and behavioral sciences, no. 18  
[JPRS-70395] p0089 N78-16615
- Translations on USSR science and technology:  
Biomedical and behavioral sciences, no. 20  
[JPRS-70486] p0089 N78-16616
- Aviation medicine on the sixtieth anniversary of  
the great October revolution  
p0110 N78-18681
- Space Biology and Aerospace Medicine, no. 4, 1977  
[JPRS-69964] p0117 N78-18738
- Space Biology and Aerospace Medicine, no. 1, 1978  
[JPRS-70753] p0124 N78-19756
- Translations on USSR science and technology:  
Biomedical and behavioral sciences, no. 24  
[JPRS-70928] p0149 N78-21761
- Before the long journey --- the development of  
space biology and medicine  
[NASA-TM-75098] p0203 N78-24781
- Before the long journey: Development of Soviet  
space biology and medicine  
[NASA-TM-75099] p0203 N78-24782
- Translations on USSR science and technology:  
Biomedical and behavioral sciences, no. 40.  
Effects on nonionizing electromagnetic radiation  
[JPRS-71595] p0281 N78-31705
- U.S.S.R. SPACE PROGRAM**  
Space flights on Soyuz spacecraft: Biomedical  
studies --- Russian book  
p0193 A78-36626
- Main stages and prospects of development of space  
biology and medicine  
p0110 N78-18680
- Biomechanical criteria of artificial gravity  
p0110 N78-18682
- Change in gravitation level as a stress factor  
p0110 N78-18683
- Main results of medical research conducted during  
the flight of two crews on the Salyut-5 orbital  
station  
p0110 N78-18684
- Distinctions of fluid and electrolyte metabolism  
and renal function in crew members of the first  
Salyut-4 expedition  
p0110 N78-18685
- Technique for selective catheterization of the  
heart and great vessels used in biomedical  
studies of healthy individuals  
p0110 N78-18686
- Parameters of acid-base equilibrium and enzymatic  
activity of blood in man during brief  
antiorthostatic hypokinesia  
p0110 N78-18687
- Main objectives and results of the radiobiological  
experiment conducted on the Kosmos-690  
biosatellite  
p0111 N78-18688
- Lactate dehydrogenase isozymes of rat skeletal  
muscles following a space flight and with  
hypokinesia  
p0111 N78-18689
- Morphological manifestations of functional changes  
in the hypothalamo-hypophyseal neurosecretory  
system and rat kidneys under the influence of  
space flight factors  
p0111 N78-18690
- Effect of head orientation in the gravity field on  
severity of caloric nystagmus  
p0111 N78-18691
- A study of the pulsed method of laundering  
p0111 N78-18692
- Significance of the percussion symptom in  
detection of peptic ulcers in flight personnel  
p0111 N78-18693
- Translations on USSR science and technology:  
Biomedical and behavioral sciences  
[JPRS-70876] p0143 N78-20742
- Space biology and medicine  
p0143 N78-20743
- Soviet-Czech space mission, cosmonaut training  
discussed  
p0183 N78-23041
- Space Biology and Aerospace Medicine, volume 12,  
no. 2  
[JPRS-71096] p0183 N78-23708
- Space suit used aboard Salyut-6 described  
p0234 N78-28038
- Spacecraft crew ground training described  
p0234 N78-28042

## UH-1 HELICOPTER

- Visual Workload of the copilot/navigator during terrain flight --- of the UH-1 helicopter p0090 N78-16623
- Use of eye-movement measures to establish design parameters for helicopter instrument panels p0286 N78-31748

## ULCERS

- Bleeding duodenal ulcer and the flier p0299 A78-52646
- Indomethacin-antihistamine combination for gastric ulceration control [NASA-CASE-ARC-11118-1] p0012 N78-11692
- Significance of the percussion symptom in detection of peptic ulcers in flight personnel p0111 N78-18693
- Endogenous histamine and promethazine-induced gastric ulcers in the guinea pig [NASA-TM-75341] p0305 N78-32668
- The effect of various drugs on experimentally induced ulcers in immobilized rats [NASA-TM-75340] p0305 N78-32670

## ULTRAHIGH FREQUENCIES

- Study of the specific effects of microwaves on the central nervous system. I - Demonstration of modifications of cerebral electrogenesis in the rat p0257 A78-46953
- Influence of microwaves within the thermal intensity range in mice. Weight, rectal temperature, respiration, tread mill activity, reaction of senses, and learning [FOA-C-54018-H2 (H6)] p0252 N78-29730

## ULTRASONIC RADIATION

- A computer based medical ultrasound B-scan system p0093 N78-17653
- A crossed beam Doppler ultrasound concept for improved detection of atherosclerosis [PB-276859/6] p0187 N78-23737
- High resolution ultrasonic scanning of animal and human tissue in-vivo [ORNL-TM-5934] p0253 N78-29742
- Physical mechanisms for biological effects of ultrasound [PB-282234/4] p0316 N78-33725

## ULTRASONIC TESTS

- Bloodflow measurement by means of a multigate ultrasonic Doppler device --- German book p0053 A78-18744
- Ultrasonic detection by the Doppler effect of circulating bubbles in humans and animals in altitude p0059 A78-20553
- The measurement of acoustical parameters and transducer accelerations in pulsatile echo-encephalography p0144 N78-20751
- Tissue identification by ultrasound [NASA-CR-157776] p0314 N78-33716

## ULTRASONIC WAVE TRANSDUCERS

- The measurement of acoustical parameters and transducer accelerations in pulsatile echo-encephalography p0144 N78-20751
- Coupling apparatus for ultrasonic medical diagnostic system [NASA-CAS3-NPO-13935-1] p0208 N78-25761
- Development and evaluation of an ultrasonic imaging system [PB-279834/6] p0284 N78-31729

## ULTRASONIC WAVES

## U ULTRASONIC RADIATION

## ULTRASONICS

- Medical ultrasonic tomographic system [NASA-CR-155269] p0040 N78-12659
- Totally implantable bidirectional pulsed Doppler blood flow telemetry: Integrated ultrasonic receiver, diameter detection, and volume flow estimation p0144 N78-20753
- Diagnostic improvements in medical ultrasonic imaging systems p0281 N78-31710

## ULTRAVIOLET LASERS

- Ocular hazard from UV laser exhibiting self-mode-locking p0159 A78-35801

## ULTRAVIOLET LIGHT

## U ULTRAVIOLET RADIATION

## ULTRAVIOLET RADIATION

## NT FAR ULTRAVIOLET RADIATION

## NT NEAR ULTRAVIOLET RADIATION

- Specific characteristics of the effect of UV laser radiation on the survival of macroorganisms p0217 A78-42635
- A special photoproduct in DNA, UV-irradiated in vacuo p0268 A78-48623
- Microorganisms of the upper layers of the atmosphere and protective role of their cell pigments p0269 A78-48712
- Molecular basis for the mutagenic and lethal effects of ultraviolet irradiation [TID-27764] p0122 N78-19745
- Basic aspects of radiation action on microorganisms [COO-2362-26] p0123 N78-19746
- Algae, ultraviolet light, and the production of trace gases [AD-A049441] p0148 N78-21748
- Effect of energy of superhigh-frequency electromagnetic fields on the bodies of experimental animals under different conditions of ultraviolet irradiation p0186 N78-23726

- The preventive role of ultraviolet radiation during exposure to ionizing radiation [NASA-TM-75106] p0314 N78-33710

## UNCONSCIOUSNESS

## NT BLACKOUT (PHYSIOLOGY)

## UNDERWATER BREATHING APPARATUS

- A comparison of the relative merits of Baralyme and Sodasorb [AD-A052559] p0206 N78-24804

## UNDERWATER TESTS

- Fifty minutes of submerged weightlessness --- weightlessness simulation p0241 A78-46291
- Underwater medicine and physiology, volume 2. A bibliography with abstracts [NTIS/PS-78/0414/9] p0232 N78-27767

## UNDERWATER VEHICLES

## NT SUBMARINES

## UNITED KINGDOM

- The UK approach to alcoholism in air crew p0094 N78-17661

## UNITED STATES OF AMERICA

## NT FLORIDA

## NT TENNESSEE

- Radiological quality of the environment in the United States, 1977 [PB-274229/4] p0114 N78-18710

## UNITS OF MEASUREMENT

- Primary medium energy exposure standard: Comparison between ISS and BIPM p0145 N78-20761

## UNMANNED SPACECRAFT

## NT BIOSATELLITES

## UNSTEADY FLOW

## NT OSCILLATING FLOW

## UPPER ATMOSPHERE

## NT MESOSPHERE

## URANUS (PLANET)

- Some general principles of planetary quarantine leading to an assessment of the limitations to growth of micro-organisms on Uranus and Neptune p0028 A78-15188

## URBAN TRANSPORTATION

- Summary report: Workshop on Vehicle Ride Quality [NASA-CP-2013] p0013 N78-11705
- Accomplishments in ride quality research: Present and near future p0014 N78-11706

## URINALYSIS

- Variation of the corticosteroid composition of the urine under the action of simulated orthostatic stressing under high-g conditions p0073 A78-21373
- Effects of 6 hours hypoxia and cold exposure on urinary electrolyte and catecholamine excretion p0079 A78-21743
- Urinary catecholamine excretion in temporary residents of high altitude p0192 A78-36606

## URINE

- Electrolytic pretreatment of urine [NASA-CR-151566] p0043 N78-13725

- Sanitary and hygienic evaluation of water regenerated from urine p0177 N78-22686
- Urine collection device [NASA-CASE-MSC-16433-1] p0229 N78-27750
- Urine monitoring system failure analysis and operational verification test report [NASA-CR-151828] p0278 N78-30820
- USA (UNITED STATES)  
 J UNITED STATES OF AMERICA  
 USER MANUALS (COMPUTER PROGRAMS)  
 Thermal model of laser-induced skin damage: Computer program operator's manual [AD-A053416] p0253 N78-29738
- USER REQUIREMENTS  
 Dedicated medical ion accelerator design study [LBL-7230] p0248 N78-28791
- UTILITY AIRCRAFT  
 NT JH-1 HELICOPTER
- UTILIZATION  
 NT LASER APPLICATIONS  
 NT WASTE UTILIZATION
- UV LASERS  
 J ULTRAVIOLET LASERS
- V**
- V/STOL AIRCRAFT  
 NT HELICOPTERS  
 NT MILITARY HELICOPTERS  
 NT ROTARY WING AIRCRAFT  
 NT SHORT TAKEOFF AIRCRAFT  
 NT OH-1 HELICOPTER  
 NT VERTICAL TAKEOFF AIRCRAFT  
 Simulator evaluation of three situation and guidance displays for V/STOL aircraft zero-zero landing approaches p0238 A78-44131
- Operator workload assessment model: An evaluation of a VF/VA-V/STOL system p0288 N78-31757
- VACCINES  
 Current vaccination regulations for civil aviation navigation personnel p0059 A78-20554
- VACUUM  
 NT HIGH VACUUM  
 VACUUM EFFECTS  
 Possibility of retaining thermal balance of the human body in an extremely rarefied atmosphere by means of vacuum evaporation of perspiration from the body surface p0184 N78-23715
- VACUUM TUBE OSCILLATORS  
 NT VIDICONS
- VACUUM TUBES  
 NT VIDICONS
- VACUUM ULTRAVIOLET RADIATION  
 U FAR ULTRAVIOLET RADIATION
- VALSALVA EXERCISE  
 Alterations of postural and Valsalva responses in coronary heart disease p0055 A78-19146
- VALSALVA MANEUVER  
 U VALSALVA EXERCISE
- VALVES  
 NT AUTOMATIC CONTROL VALVES  
 NT HEART VALVES
- VANADIUM  
 Occupational exposure to vanadium. Criteria for a recommended standard [DHEW/PUB/NIOSH-77/222] p0204 N78-24791
- VAPORIZING  
 NT EVAPORATION
- VARIABLE GEOMETRY STRUCTURES  
 Controller design for a manipulator using theory of variable structure systems p0083 A78-24000
- VARIANCE (STATISTICS)  
 NT MULTIVARIATE STATISTICAL ANALYSIS  
 NT REGRESSION ANALYSIS
- VARIATIONS  
 NT PERIODIC VARIATIONS
- VASCULAR SYSTEM  
 NT AORTA  
 NT ARTERIES  
 NT BLOOD VESSELS  
 NT CAPILLARIES (ANATOMY)  
 NT VEINS
- Intravascular volume and tonicity as factors in the regulation of body temperature p0082 A78-23603
- Microvascular alterations in hypertension p0065 N78-15679
- Distinctive features of regional circulation and vasomotor regulation following a two-month space flight p0115 N78-18718
- The organization and autonomic innervation of the vascular system of the mammalian spinal cord; an ultrastructural study p0178 N78-22692
- Dysfunctioning of the fluid mechanical craniospinal systems as revealed by stress/strain diagrams p0179 N78-22704
- Evaluation of regional blood filling by means of rheoplethysmography combined with functional tests p0306 N78-32676
- VASOCONSTRICTION**  
 Hypothalamic thermoregulatory pathways in the rat p0033 A78-15517
- Beta-receptor influence on lung vasoconstrictor responses to hypoxia and humoral agents p0049 A78-18077
- Potentialization of pulmonary vasoconstrictor response with repeated intermittent hypoxia p0050 A78-18078
- Influence of hypoxia on the longitudinal distribution of pulmonary vascular resistance p0141 A78-32325
- Mathematical modeling of arterial pressure transient processes during the action of vasoactive substances p0214 A78-41014
- Characteristics of pressor response during voluntary and induced contraction of skeletal muscles p0218 A78-42662
- Review of animal experiments --- noise effects on bodily functions other than hearing p0240 A78-45505
- Defensive activation toward noise p0240 A78-45509
- The role of a decrease in body heat content in the thermoregulatory response of ear passageways p0293 A78-51661
- VASOCONSTRICTOR DRUGS**  
 NT SEROTONIN
- VASODILATION**  
 Hypothalamic thermoregulatory pathways in the rat p0033 A78-15517
- Preventive effect of a vasodilator on the occurrence of decompression sickness in rabbits p0160 A78-36152
- Characteristics of pressor response during voluntary and induced contraction of skeletal muscles p0218 A78-42662
- Cold-induced vasodilatation response at different water bath temperatures in monkeys p0292 A78-46411
- VASOMOTOR NERVOUS SYSTEM**  
 U NERVOUS SYSTEM
- VECTOCARDIOGRAPHY**  
 Correlations between electrocardiographic, vectorcardiographic, and echocardiographic findings in patients with left ventricular overload p0017 A78-13146
- Computer analysis of the orthogonal electrocardiogram and vectorcardiogram in 257 patients with aortic valve disease p0026 A78-14647
- Measurement of the human magnetic heart vector p0048 A78-17265
- A prototype system for automated interpretation of vectorcardiograms p0083 A78-23881
- Use of vectorcardiography for the detection of +Gz-related cardiac pathology in miniature swine p0241 A78-46410
- Atrial flutter - Electrocardiographic, vectorcardiographic and echocardiographic correlation p0271 A78-49150
- Superconducting magnetometry for the detection of heart disease

- [PB-271950/8] p0044 N78-13735
- VEGETABLES**
- NT POTATOES**
- Compression of rehydratable vegetables and cereals  
[NASA-CR-151727] p0209 N78-25766
- VEGETATION**
- Evaluation of several methods of establishing  
plant cover by seeding on the roadside  
[PB-278275/3] p0228 N78-27739
- Potential of arid zone vegetation as a source of  
substrates  
[LBL-7214] p0245 N78-28777
- VEGETATION GROWTH**
- Effect of weightlessness and of artificial gravity  
on irradiated lettuce seeds p0031 A78-15210
- Stochastic models of algal photosynthesis in  
turbulent channel flow p0032 A78-15380
- Electromagnetic field effects on growth and of  
plants p0187 N78-23732
- VEHICULAR TRACKS**
- Vibration aspects of ride quality modeling for the  
DOT PTACV: Theory and experiment  
[PB-279846/0] p0286 N78-31744
- VEINS**
- Dynamics of reflex reactions of arteries and veins  
during variation of the functional state of  
vasomotor centers p0243 A78-46454
- VELOCITY**
- NT ANGULAR VELOCITY**
- NT FLOW VELOCITY**
- NT WIND VELOCITY**
- VELOCITY MEASUREMENT**
- Two factors in the perception of velocity at a  
distance p0271 A78-48823
- Transcutaneous measurement of volume blood flow  
[NASA-CR-155233] p0012 N78-11691
- VENTILATION**
- Kinetics of gas exchange and ventilation in  
transitions from rest or prior exercise p0050 A78-18082
- Continuous distributions of specific ventilation  
recovered from inert gas washout p0131 A78-29033
- Emptying patterns of the lung studied by  
multiple-breath N2 washout p0131 A78-29034
- Pat as a model for humanlike ventilatory  
adaptation to chronic hypoxia p0192 A78-36607
- Comparison of metabolic and ventilatory responses  
of men to various lifting tasks and bicycle  
ergometry p0235 A78-43789
- Protective garment ventilation system  
[NASA-CASE-XMS-04928] p0097 N78-17679
- Maximum expiratory flow, diffusion and CO2  
elimination during liquid ventilation p0165 N78-22582
- VERBAL COMMUNICATION**
- Neurophysiological analysis of complex forms of  
verbal memory p0052 A78-18534
- VERTEBRAE**
- Identification and classification of vertebral  
fractures following emergency capsule egress  
from military aircraft p0074 A78-21707
- VERTEBRAL COLUMN**
- The determination of biomechanical parameters of  
the vertebro-muscular axis in man p0058 A78-20544
- Determination of the biomechanical parameters of  
man's vertebromuscular axis --- using NASTRAN  
p0174 N78-22666
- The lumbosacral segment as a vulnerable region in  
various postures [NASA-TM-75579] p0314 N78-33713
- VERTEBRATES**
- NT DOGS**
- NT FISHES**
- NT FROGS**
- NT GOATS**
- NT GUINEA PIGS**
- NT HOMIOOTHERMS**
- NT HUMAN BEINGS**
- NT MAMMALS**
- NT MARINE MAMMALS**
- NT MICE**
- NT MONKEYS**
- NT PRIMATES**
- NT BATS**
- NT RODENTS**
- NT SWINE**
- Evolution of sleep: Stages of formation of the  
wakefulness-sleep cycle in a number of vertebrates  
--- Russian book p0266 A78-48524
- Retinal rod outer segment discs: A study of  
membrane structure and function p0123 N78-19750
- VERTICAL DISTRIBUTION**
- Effect of gravitational and inertial forces on  
vertical distribution of pulmonary blood flow  
p0161 A78-36154
- VERTICAL MOTION**
- Predicting the effects of dual-frequency vertical  
vibration on continuous manual control performance  
p0274 A78-50081
- VERTICAL PERCEPTION**
- Integration of semicircular canal and otolith  
information for multisensory orientation stimuli  
p0004 A78-12607
- The angle of visual roll motion determines  
displacement of subjective visual vertical  
p0056 A78-19975
- Influence of optical defects on the cockpit canopy  
glass on the spatial orientation of a pilot  
during flight p0103 A78-27099
- Postural illusions experienced during Z-axis  
recumbent rotation and their dependence upon  
somatosensory stimulation of the body surface  
p0134 A78-29561
- State reversals of optically induced tilt and  
torsional eye movements p0156 A78-34681
- Egocentric orientation is influenced by trained  
voluntary cyclorotary eye movements p0294 A78-51856
- Mental rotation under head tilt - Factors  
influencing the location of the subjective  
reference frame p0299 A78-53084
- Tachistoscopic perception under head  
tilt p0300 A78-53085
- Vestibular-visual interactions in flight simulators  
[NASA-CR-155204] p0006 N78-10692
- Psychopathology in equilibration in aerospace  
medicine p0249 N78-28802
- VERTICAL TAKEOFF AIRCRAFT**
- An introduction to V/STOL technology affecting the  
pilot's role [AD-A048214] p0121 N78-18765
- VERTIGO**
- Experimental vertigo, ataxia and motion sickness:  
Visual-vestibular interaction on earth and in  
space p0170 N78-22633
- VERY LOW FREQUENCIES**
- An experimental study of the ultralow-frequency  
electromagnetic fields on warmblooded animals  
and microorganisms p0164 N78-22580
- VESTIBULAR NYSTAGMUS**
- Evaluating the role of sensory innervation of  
extraocular muscles in the habituation of  
vestibulo-oculomotor responses p0081 A78-22500
- Modern electronystagmography for vestibulometry  
p0160 A78-35899
- Investigation of vestibular reactions during  
binaural equal calorization of the labyrinths  
p0197 A78-37749
- Linear model for visual-vestibular interaction  
p0214 A78-41161
- Effects of partial body weightlessness on the  
vestibulo-ocular reflex in man p0258 A78-47112
- A procedure for the automated analysis of  
vestibular nystagmus p0291 A78-50750

- Vestibular functions and sleep in space experiments  
--- using rhesus and owl monkeys p0009 N78-11670
- VESTIBULAR TESTS**
- Influence of vestibular stimuli on adrenergic and cholinergic activity of blood p0071 A78-21177
- Human physiological responses during swinging with periodic rotations p0072 A78-21182
- Vision during angular oscillation - The dynamic interaction of visual and vestibular mechanisms p0078 A78-21732
- Incremental exposure facilitates adaptation to sensory rearrangement --- vestibular stimulation patterns p0100 A78-26729
- Effect of certain space-flight factors on the vestibular system in man /based on data from domestic and foreign literature/ p0105 A78-27949
- Effect of vestibular and optokinetic stimuli on the speed of processing information by an operator --- pilot performance p0137 A78-30785
- Visual-vestibular interaction in the control of eye movement p0139 A78-31839
- Effects of infrasound on cognitive performance p0139 A78-31842
- Experimental study of some aspects of motion sickness pathology p0160 A78-35900
- Investigation of vestibular reactions during binaural equal calorization of the labyrinths p0197 A78-37749
- A temporary threshold shift for self-motion detection following sustained, oscillating linear acceleration p0216 A78-41810
- Visual-field displacements in human beings evoked by acoustical transients p0239 A78-45397
- Certain aspects of the vestibular problem in space medicine [NASA-TM-75067] p0087 N78-16604
- Killfish hatching and orientation: Experiment MA-161 p0092 N78-17106
- Cardiovascular reactions to orthostatic tests and human resistance to vestibular stimuli p0115 N78-18724
- Vestibulotonic reflexes in muscles of the rat hind limb following a flight on Kosmos-605 p0118 N78-18745
- Sensory components of optokinetic nystagmus under the influence of angular accelerations p0125 N78-19762
- Mathematical model of the vestibuloocular reflex p0165 N78-22584
- Visual-vestibular interaction during linear motion p0170 N78-22634
- Vestibular tests during space flight p0171 N78-22635
- The effect of gravity on the static and dynamic properties of single vestibular units investigated in the bull frog by means of a vestibular orbital laboratory (VOL). p0171 N78-22636
- The relationship of gravity to vestibular studies p0171 N78-22637
- Human visual functions as related to mild vestibular stimuli p0185 N78-23717
- Vestibular reactions to long-term caloric stimulation of the rabbit labyrinth [NASA-TM-75528] p0228 N78-27735
- Motion sickness susceptibility: A retrospective comparison of laboratory tests [AD-A053161] p0248 N78-28790
- VESTIBULES**
- Vestibular and somatosensory interaction in the cat vestibular nuclei p0023 A78-14064
- Biped stability considerations with vestibular models p0083 A78-23882
- Responses of the frog's cerebellar neurons to caloric vestibular stimuli of different intensity p0100 A78-26611
- Experiments on the detection of roll motion p0157 A78-35101
- Pathways participating in conducting osteoreceptive signals to the Deiters vestibular nucleus p0197 A78-37856
- Mechanisms of interaction between receptors of the vestibular system --- Russian book p0266 A78-48522
- Some findings on the inner ear after experimental obliteration of the endolymphatic duct and sac of guinea pigs p0300 A78-53396
- Matters of simulation of the semicircular canal system [NASA-TM-75230] p0088 N78-16610
- Vestibulo-cochlear single unit responses to microwave radiation p0168 N78-22613
- Structural and functional organization of the vestibular apparatus in rats subjected to weightlessness for 19.5 days aboard the Kosmos-782 satellite [NASA-TM-75529] p0223 N78-26717
- Investigation of the influence of prolonged rotation on radiation lesions p0306 N78-32682
- VESTS**
- Evaluation of US Air Force survival/armor vest in US Army OH-58 helicopters [AD-A044842] p0042 N78-12675
- VPR (RULES)**
- U VISUAL FLIGHT RULES
- VIBRATION**
- NT RANDOM VIBRATION
- NT STRUCTURAL VIBRATION
- Vibration, performance, and personality p0066 N78-15689
- Biomechanical and performance response of man in six different directional axis vibration environments [AD-A052069] p0188 N78-23739
- Proceedings of the international occupational hand-arm vibration conference [DHEW/PUB/NIOSH-77/170] p0205 N78-24799
- PIVIB: A computer program for analysis of pilot biodynamic and tracking response to vibration [AD-A052361] p0205 N78-24802
- VIBRATION DAMPERS**
- U VIBRATION ISOLATORS
- VIBRATION EFFECTS**
- Biomechanical models for vibration feedthrough to hands and head for a semisupine pilot p0077 A78-21727
- The interaction of control gain and vibration with continuous manual control performance p0081 A78-22838
- Ride quality criteria of multifactor environments --- of transportation systems p0099 A78-24911
- A review of the effects of vibration on visual acuity and continuous manual control. I - Visual acuity. II - Continuous manual control p0099 A78-26247
- Effects of fixed versus variable reference frequencies on psychophysical judgments of vibration p0133 A78-29543
- Ride quality criteria --- transportation system interior and passenger response to environment p0158 A78-35664
- Deterioration of human performance resulting from mechanical vibrations p0257 A78-46955
- The effect of rotational vibration in roll and pitch axes on the discomfort of seated subjects p0274 A78-50080
- Predicting the effects of dual-frequency vertical vibration on continuous manual control performance p0274 A78-50081
- An investigation of ride quality rating scales [NASA-TP-1064] p0012 N78-11696
- Translations on USSR science and technology biomedical and behavioral Sciences, no. 19 [JPRS-70469] p0088 N78-16611
- The transmission of vertical vibration to the heads and shoulders of seated men [RAE-TR-77068] p0189 N78-23750



## VIBRATION ISOLATORS

## SUBJECT INDEX

- Vibration aspects of ride quality modeling for the DOT PTACV: Theory and experiment [PB-279846/0] p0286 N78-31744
- Effect of vibration duration on human discomfort --- passenger comfort and random vibration [NASA-TP-1283] p0311 N78-32717
- VIBRATION ISOLATORS**  
Determination of optimum vibroisolation systems for a sitting human operator p0076 A78-21722
- VIBRATION MEASUREMENT**  
Translations on USSR science and technology biomedical and behavioral Sciences, no. 19 [JPBS-70469] p0088 N78-16611
- VIBRATION MODE**  
An equal sensation study of seated subjects in three translational modes --- for human response to vehicle motion p0155 A78-34086
- VIBRATION PERCEPTION**  
An equal sensation study of seated subjects in three translational modes --- for human response to vehicle motion p0155 A78-34086
- Thresholds of perception for periodic linear motion p0157 A78-35103
- The stability of equal sensation contours for whole-body vibration p0274 A78-50082
- VIBRATION PROTECTION**  
U VIBRATION ISOLATORS
- VIBRATION TESTS**  
The subjective magnitude of whole-body vibration p0019 A78-13479
- Axisymmetric vibration of human skull-brain system p0134 A78-29591
- Individual variability and its effect on subjective and biodynamic response to whole-body vibration p0200 A78-39345
- The transmission of vertical vibration to the heads and shoulders of seated men [RAE-TR-77068] p0189 N78-23750
- VIBRATIONAL STRESS**  
The subjective magnitude of whole-body vibration p0019 A78-13479
- Empirical model of intracranial pressure and head motion resulting from a vibrating seated rhesus p0076 A78-21720
- Response of the skeletal system to helicopter-unique vibration p0076 A78-21721
- Model of the supine human body and its reactions to external forces p0076 A78-21723
- Nonlinear behavior of sitting humans under increasing gravity p0077 A78-21725
- Conceptual stress study model --- of vibration effects on human operator in tracking task p0077 A78-21728
- Model for human controller performance in vibration environments p0077 A78-21729
- Modelling human responses to vibration p0078 A78-21731
- Comparison of analysis techniques for electromyographic data p0078 A78-21735
- The interaction of control gain and vibration with continuous manual control performance p0081 A78-22838
- Hand-arm vibration. III - A distributed parameter dynamic model of the human hand-arm system p0153 A78-32781
- Human response to vibration under different conditions p0174 N78-22665
- Human tolerance of repeated shocks p0174 N78-22667
- Cardiovascular, renal and respiratory effects of high intensity, intermediate duration, low frequency vibration [AD-A050158] p02A7 N78-28784
- VIBRATORY LOADS**  
Manual control in target tracking tasks as a function of control type task loading and vibration --- aircraft throttle grip under compensatory tracking loads
- [AD-A043903] p0042 N78-12671
- The vibrating environment in transport vehicles: A critical bibliographical study --- human tolerance to vibratory loads [RAE-LIB-TRANS-1917] p0285 N78-31738
- VIBROCARDIOGRAPHY**  
U PHONOCARDIOGRAPHY
- VIDEO EQUIPMENT**  
Equipment development for automatic anthropometric measurements [NASA-CR-151723] p0207 N78-25757
- VIDICONS**  
Design of a pyro-electric vidicon camera for medical thermography [THT-TM-77-009] p0113 N78-18707
- VIKING LANDER SPACECRAFT**  
NT VIKING LANDER 1  
Lander imaging as a detector of life on Mars p0002 A78-11437
- The Viking biological investigation - General aspects p0002 A78-11451
- The search for life on Mars p0003 A78-12418
- Results of biological experiments carried out by the Viking probes and the possible existence of life on Mars p0134 A78-29662
- The Viking biological experiments on Mars p0201 A78-39746
- VIKING LANDER 1**  
Chemical interpretation of Viking Lander 1 life detection experiment p0099 A78-25560
- VIKING MARS PROGRAM**  
Detection of optical asymmetry in amino acids by gas chromatography for extraterrestrial space exploration - Results of a new soil processing scheme with breadboard instrumentation p0027 A78-15179
- Dry-heat resistance of selected psychrophiles --- Viking lander in spacecraft sterilization p0105 A78-27897
- Search for life on Mars --- Viking Mars program p0182 N78-22734
- VIKING SPACECRAFT**  
NT VIKING LANDER SPACECRAFT
- VIKING 1 SPACECRAFT**  
NT VIKING LANDER SPACECRAFT
- VIKING 2 SPACECRAFT**  
NT VIKING LANDER SPACECRAFT
- VINYL CYANIDE**  
U ACRYLONITRILES
- VINYL POLYMERS**  
Toxicity of vinyl chloride. A bibliography with abstracts [NTIS/PS-78/0442/0] p0225 N78-26730
- VINYLDENE**  
Air pollution assessment of vinylidene chloride [PB-280624/8] p0310 N78-32714
- VIOLENCE**  
NT ATTACKING (ASSAULTING)
- VIRUSES**  
NT BACTERIOPHAGES  
Studies on the isolation and identification of hepatitis viruses in water p0206 N78-25744
- Inactivation of enteroviruses and coliphages with ozone in waters and waste waters p0206 N78-25745
- Virus concentration by hollow fiber membranes: Where to now? p0206 N78-25746
- VISCERA**  
NT ADRENAL GLAND  
NT BLADDER  
NT GONADS  
NT INTESTINES  
NT KIDNEYS  
NT LIVER  
NT LUNGS  
NT ORGANS  
NT PANCREAS  
NT PITUITARY GLAND  
NT SPLEEN  
NT TESTES  
NT THYMUS GLAND  
NT THYROID GLAND

# SUBJECT INDEX

# VISUAL DISCRIMINATION

- Study of transient processes in the visceral analyzer  
p0213 A78-41012
- VISCOELASTIC FLOW**  
**U VISCOELASTICITY**  
**VISCOELASTICITY**  
Systems identification scheme for the estimation of the linear viscoelastic properties of the intervertebral disc  
p0074 A78-21711
- Axisymmetric vibration of human skull-brain system  
p0134 A78-29591
- VISIBILITY**  
Prediction of airborne target detection --- by human observer under varying meteorological conditions  
p0017 A78-13265
- Development of a visibility research capability  
[PB-278152/4]  
p0233 N78-27778
- VISIBLE RADIATION**  
**U LIGHT (VISIBLE RADIATION)**  
**VISIBLE SPECTRUM**  
**U LIGHT (VISIBLE RADIATION)**  
**VISION**  
NT BINOCULAR VISION  
NT COLOR VISION  
NT MONOCULAR VISION  
NT NIGHT VISION  
NT PERIPHERAL VISION  
NT STEREOSCOPIC VISION  
Magnification in striate cortex and retinal ganglion cell layer of owl monkey - A quantitative comparison  
p0032 A78-15313
- Sustained and transient mechanisms in human vision - Temporal and spatial properties  
p0137 A78-30740
- Theoretical limit to the contrast sensitivity of the human visual analyzer  
p0154 A78-33817
- Visual cells, daily rhythms, and vision research  
p0212 A78-40582
- Mechanism for the formation of synaptic projections in the arthropod visual system  
p0296 A78-52372
- Spatial frequency responses of the human visual system  
[CIRC-193]  
p0187 N78-23735
- Fifth Advanced Operational Aviation Medicine Course  
[AGARD-R-666]  
p0248 N78-28793
- VISUAL ACCOMMODATION**  
Eye muscle potentiation does not account for adaptation in distance perception based on oculomotor cues  
p0036 A78-16824
- Alcohol retards visual recovery from glare by hampering target acquisition  
p0048 A78-17524
- Binocular eye movements during accommodative vergence  
p0211 A78-40579
- Visual fixation points and depth perception  
p0221 A78-43186
- Evoked potential evidence of adaptation to spatial Fourier components in human vision  
p0236 A78-43923
- Visual evoked responses to the upper and lower half-field stimulation in a dark-adapted man  
p0273 A78-50025
- VISUAL ACUITY**  
An objective indicant of binocular vision in humans - Size-specific interocular suppression of visual evoked potentials  
p0055 A78-19224
- Cortical magnification factor predicts the photopic contrast sensitivity of peripheral vision  
p0057 A78-20324
- Research on visual acuity in color contrast --- for aircraft instrument displays  
p0058 A78-20540
- Low atmospheric pressure effects on wearing soft contact lenses  
p0079 A78-21746
- A review of the effects of vibration on visual acuity and continuous manual control. I - Visual acuity. II - Continuous manual control  
p0099 A78-26247
- The visual risk of ethambutol treatment - Aeronautical incidences  
p0132 A78-29296
- Binocular summation - A study of contrast sensitivity, visual acuity and recognition  
p0212 A78-40583
- Movement parallax - An asymptotic function of amplitude and velocity of head motion  
p0221 A78-43182
- Some aspects of depth perception in space  
p0264 A78-47981
- Visual problems of pilots - Study on distance judgement of pilots  
p0293 A78-51500
- The isolation of minimum sets of visual image cues sufficient for spatial orientation during aircraft landing approaches  
[AD-A046369]  
p0068 N78-15700
- Visual Workload of the copilot/navigator during terrain flight --- of the UH-1 helicopter  
p0090 N78-16623
- Effects of ethanol on visual unit activity in the thalamus  
[AD-A050922]  
p0148 N78-21754
- The effects of stimulus orientation and response bias upon dynamic visual acuity  
[AD-A047827]  
p0179 N78-22706
- Human visual functions as related to mild vestibular stimuli  
p0185 N78-23717
- Glare and its adverse consequences in aviation  
p0248 N78-28796
- Visual problems raised by low altitude high speed flight  
p0249 N78-28798
- VISUAL AIDS**  
Audio-visual proficiency testing: Annotated bibliography  
[AD-A048122]  
p0113 N78-18704
- Aeromedical implications of the X-Chrom lens for improving color vision deficiencies  
[AD-A054794]  
p0310 N78-32708
- Area of interest/field-of-view research using ASPT --- flight helmets for pilot and gunnery trainers  
[AD-A055692]  
p0311 N78-32718
- VISUAL CONTROL**  
Visual-vestibular interaction in the control of eye movement  
p0139 A78-31839
- Visual target acquisition and tracking performance using a helmet-mounted sight  
p0139 A78-31840
- On the predictive, precognitive and preview manual tracking systems  
p0160 A78-35924
- Visual evaluation of simulated elements of lunar relief  
p0264 A78-47987
- Effectiveness of basic display augmentation in vehicular control by visual field cues  
p0271 A78-49262
- VISUAL DISCRIMINATION**  
Absence of color-selectivity in Duncker-type induced visual movement  
p0032 A78-15403
- Effect of disparity and viewing distance on perceived depth  
p0032 A78-15404
- Chromatic two-pulse resolution with and without luminance transients --- in temporal processing of visual stimuli  
p0035 A78-16082
- Temporal stereopsis and dynamic visual noise  
p0037 A78-17098
- Alcohol retards visual recovery from glare by hampering target acquisition  
p0048 A78-17524
- Visual discrimination between small objects and large textured backgrounds  
p0048 A78-17525
- Search through a sequentially presented visual display  
p0082 A78-23848
- Eye movements of monkeys during learning-set formation  
p0130 A78-28829
- Thematic filtering algorithms and their use in recognition of complex images  
p0156 A78-34962
- Adaptation, afterimages and cone saturation  
p0191 A78-36550

# VISUAL DISPLAYS

# SUBJECT INDEX

- Influence of angular measures, duration, and shape of stimuli on detecting the order of tracking visual signals p0196 A78-37746
- The recognition of objects against a model of cosmic sky p0264 A78-47983
- Effect of spectral filtering during continuous two-day work p0264 A78-47986
- Visual evaluation of simulated elements of lunar relief p0264 A78-47987
- Psychological state of the operator and visual evaluation of lunar relief p0264 A78-47988
- Involuntary automatic processing in color-naming tasks p0271 A78-48825
- A facilitation effect in orientation discrimination --- relation to visual stimulus onset asynchrony p0295 A78-51957
- Texture discrimination and Fourier analysis in human vision p0303 A78-53865
- Psychophysical studies of the contribution of chromatic mechanisms to the visual perception of borders 3 p0041 A78-12667
- Can attention be diverted? [RAE-LIB-TRANS-1936] p0181 A78-22715
- A comparison of the vigilance performance of men and women using a simulated radar task [AD-A053674] p0232 A78-27769
- VISUAL DISPLAYS**
- U DISPLAY DEVICES**
- VISUAL FIELDS**
- Magnification in striate cortex and retinal ganglion cell layer of owl monkey - A quantitative comparison p0032 A78-15313
- A layout designer's data projection reticle --- for optimum indicator instrument location in aircraft p0054 A78-18823
- Perimetry of contrast detection thresholds of moving spatial sine wave patterns. I - The near peripheral visual field /eccentricity 0-8 deg/. II - The far peripheral visual field /eccentricity 0-50 deg/. III - The target extent as a sensitivity controlling parameter. IV - The influence of the mean retinal illuminance p0217 A78-42473
- Visual-field displacements in human beings evoked by acoustical transients p0239 A78-45397
- Two factors in the perception of velocity at a distance p0271 A78-48823
- Subjective motion and acceleration induced by the movement of the observer's entire visual field p0271 A78-48824
- Effectiveness of basic display augmentation in vehicular control by visual field cues p0271 A78-49262
- A reaction time analysis of instrument scanning --- by aircraft pilots p0272 A78-49275
- Visual evoked responses to the upper and lower half-field stimulation in a dark-adapted man p0273 A78-50025
- Depth perception and motion cues via textured scenes --- in flight simulators [AIAA 78-1577] p0290 A78-50658
- Influence of location of indicators on psychophysiological distinctions of combined activity --- positioning display devices and flight instruments p0184 A78-23716
- Area of interest/field-of-view research using ASPT --- flight helmets for pilot and gunnery trainers [AD-A055692] p0311 A78-32718
- VISUAL FLIGHT**
- Airline pilot scanning behavior during approaches and landing in a Boeing 737 simulator p0054 A78-18798
- Shadow method of simulating the visual conditions for flight simulators and pilot trainers p0056 A78-19734
- Monocular vision and landing performance in general aviation pilots - Cyclops revisited p0132 A78-29539
- Two methods for the investigation of visual positional perception on the basis of synthetically produced representations for visual flight simulation --- German thesis p0296 A78-52497
- Studies of perception of information on the spatial position of an aircraft [NASA-TN-75153] p0013 A78-11701
- VISUAL FLIGHT RULES**
- Visual problems raised by low altitude high speed flight p0249 A78-28798
- VISUAL OBSERVATION**
- The real time reconnaissance problem --- human performance limitations p0211 A78-40218
- VISUAL PERCEPTION**
- NT AUTOKINESIS
- NT CRITICAL FLICKER FUSION
- NT SPACE PERCEPTION
- NT VISUAL DISCRIMINATION
- Human engineering data for aircraft design. III - Aircrew station vision requirement for military aircraft p0001 A78-10199
- Spatial frequency and the mediation of short-term visual storage p0017 A78-13117
- Perceptual and intellectual activities in tachistoscopic vision - Comparisons with the same activities during normal conditions, and theoretical considerations p0020 A78-13509
- Dark noise in retinal bipolar cells and stability of rhodopsin in rods p0024 A78-14309
- Information capacity of eyes --- spatial resolving power of retinal images p0025 A78-14413
- Threshold visibility of frequency gradient patterns p0025 A78-14414
- Proprioceptive information about target location suppresses autokinesis p0025 A78-14419
- Optical transforms and the 'pincushion grid' illusion p0034 A78-15948
- A subjective method for the measurement of monochromatic aberrations of the eye p0036 A78-16083
- Temporal properties of the human visual nervous system p0037 A78-17097
- The angle of visual roll motion determines displacement of subjective visual vertical p0056 A78-19975
- Inaugural lecture at the School of Health Service Application for the Air Force --- aviation ophthalmology for reliable information retrieval in man/machine systems p0060 A78-20562
- Vision during angular oscillation - The dynamic interaction of visual and vestibular mechanisms p0078 A78-21732
- The hypothalamus and the visual system p0081 A78-22075
- Local perfusion of noradrenaline maintains visual cortical plasticity p0103 A78-26778
- Influence of optical defects on the cockpit canopy glass on the spatial orientation of a pilot during flight p0103 A78-27099
- Dynamics of conditioned-reflex realignments of human visual recognition and detection p0106 A78-28124
- Systematic approach to the study of intrabrain regulation p0131 A78-29067
- Induced visual movement as nonveridical resolution of displacement ambiguity p0131 A78-29275
- Concerning the utilization of electronic displays in the field of aeronautics p0132 A78-29299

# SUBJECT INDEX

# VISUAL PERCEPTION CONTD

- The loss of position constancy during pursuit eye movements p0137 A78-30738
- Corrective saccades - Effects of altering visual feedback p0137 A78-30739
- Sustained and transient mechanisms in human vision - Temporal and spatial properties p0137 A78-30740
- Coding processes in preselected and constrained movements - Effect of vision p0138 A78-31748
- Concerning optical correction by contact lenses for private pilots of aircraft and gliders in VFR conditions p0139 A78-31804
- The adjacency principle in visual perception p0153 A78-32845
- Pattern and movement detection in man and rabbit - Separation and comparison of occipital potentials p0155 A78-34334
- Interaction between sustained and transient channels - Form inhibits motion in the human visual system p0155 A78-34335
- Measurement of human vertical fusional response p0155 A78-34337
- Signal detection and identification at successive stages of observation --- sensory perception p0156 A78-34680
- State reversals of optically induced tilt and torsional eye movements p0156 A78-34681
- Subjective Lorentz transformations and the perception of motion p0158 A78-35419
- Quality of pilot landing performance and visual information about altitude and distance p0191 A78-36326
- Cortical evoked potentials during successive visual masking p0197 A78-37748
- Is binocular vision always monocular p0216 A78-41323
- The effect of background familiarity in visual search - An analysis of underlying factors p0216 A78-41811
- Implications of spatial summation models for processes of contour perception - A geometric perspective p0221 A78-43183
- The influence of colour and contour rivalry on the magnitude of the tilt after-effect --- in human visual system p0221 A78-43185
- Interocular light adaptation effect on the Lie 'specific threshold' p0221 A78-43187
- Perceptual effect of pursuit eye movements in the absence of a target p0236 A78-43924
- Bioengineering approach to the study of mechanisms of coding of external stimuli in the human retina and the role of these mechanisms in the visual process p0239 A78-45320
- Visual work capacity under the action of overloads and elevated temperature p0263 A78-47972
- Ergonomic evaluation of cross-hair sights p0264 A78-47982
- Comparison of the visual perception of a runway model in pilots and nonpilots during simulated night landing approaches p0265 A78-48076
- Spatial disorientation in general aviation accidents p0265 A78-48081
- Two factors in the perception of velocity at a distance p0271 A78-48823
- Subjective motion and acceleration induced by the movement of the observer's entire visual field p0271 A78-48824
- Perceived magnitudes of distortion, secondary imaging, and rainbowing in aircraft windshields p0272 A78-49272
- Interrelationship of the properties of visual neurons p0292 A78-51319
- Studies on the light and dark adaptation system in the retina p0294 A78-51873
- Smooth eye tracking and the perception of motion in the absence of real movement p0294 A78-51951
- How presaccadic gratings modify postsaccadic modulation transfer function p0295 A78-51953
- Contrast sensitivity during saccadic eye movements p0295 A78-51954
- An investigation of the relationship of the evoked potential to various modes of visual stimulation p0005 N78-10689
- Psychophysiological aspects of time perception (the memory of speed) p0006 N78-10691
- Vestibular-visual interactions in flight simulators [NASA-CR-155204] p0006 N78-10692
- Biocybernetic factors in human perception and memory [AD-A043773] p0007 N78-10702
- Experiments in texture perception [AD-A043402] p0012 N78-11695
- Color research for visual displays [AD-A043609] p0013 N78-11697
- Studies of perception of information on the spatial position of an aircraft [NASA-TM-75153] p0013 N78-11701
- On the spatial breadth of spatial frequency channels in human visual detection p0039 N78-12654
- Perceived orientation of a runway model in nonpilots during simulated night approaches to landing [AD-A044553] p0041 N78-12668
- Refractive error characteristics of early and advanced presbyopic individuals [AD-A044555/1] p0065 N78-15684
- Readability of alphanumeric characters having various contrast levels as a function of age and illumination mode [AD-A044554/4] p0066 N78-15691
- Light flash observations: Experiment MA-106 --- identity of cosmic particles p0091 N78-17100
- Influence of socially used drugs on vision and vision performance p0094 N78-17663
- Examination of auditory attention and visual evoked potentials [AD-A042619] p0097 N78-17682
- Investigation of space perception by the crew of the experimental Soyuz-Apollo mission p0111 N78-18695
- Evoked cortical potentials and information processing [AD-A048647] p0120 N78-18760
- Functional localization in the nucleus rotundus [AD-A047717/4] p0122 N78-19743
- Research on visual perception of complex and dynamic imagery [AD-A049127] p0124 N78-19753
- Sensory components of optokinetic nystagmus under the influence of angular accelerations p0125 N78-19762
- An automated system for evaluation of eye fatigue p0125 N78-19764
- Identification of alphabetic symbols as a function of their location in the visual periphery [AD-A049345] p0127 N78-19777
- Dynamic behavior of the visual tract p0143 N78-20748
- Temporal encoding in the visual system p0144 N78-20752
- How big the moon, how fat the eye? [AD-A050211] p0149 N78-21756
- Visual-proprioceptive cue conflicts in the control of remotely piloted vehicles [AD-A049706] p0151 N78-21770
- Visual-vestibular interaction during linear motion p0170 N78-22634
- Vision and spaceflights p0172 N78-22642
- The Critical Central Retinal Fusion Frequency (CCRF) as a test of the retinal circulatory function and its relation with encephalic circulation p0172 N78-22643

- The effect of various augmented visual feedback techniques on adult skeletal muscle p0177 W78-22690
- Some observations on the human visual perception system and their relevance to computer vision research [PB-277938/7] p0225 W78-26729
- Driver visual limitations diagnosis and treatment [PB-278884/2] p0232 W78-27764
- Development of neurophysiological and behavioral metrics of human performance [AD-A053018] p0232 W78-27770
- Comparison of the visual perception of a runway model in pilots and nonpilots during simulated night landing approach [AD-A054450] p0249 W78-28806
- The apparent rate of flicker [NHK-LABS-NOTE-219] p0254 W78-29748
- Effects of noise and hearing acuity upon visual depth perception and safety among humans [PB-280365/8] p0277 W78-30812
- Bionics. A bibliography with abstracts [NTIS/PS-78/0550/0] p0279 W78-31693
- Contrast sensitivity of the human visual system at one luminance level while adapted to a stimulus at another luminance level [AD-A055238] p0282 W78-31717
- The effects of supranormal concentrations of potassium ion and other vasoactive drugs on the visual evoked response and regional cerebral blood flow in the monkey brain p0313 W78-33701
- Quantitative predictions of length in the Mueller-Lyer illusion as perceived by the human visual system [AD-A055706] p0317 W78-33732
- VISUAL PIGMENTS**
- Dark noise in retinal bipolar cells and stability of rhodopsin in rods p0024 A78-14309
- Isolated retinas synthesize visual pigments from retinol congeners delivered by liposomes p0200 A78-39500
- Illumination-dependent changes in the intrinsic fluorescence of bacteriorhodopsin p0267 A78-48578
- Effects of X-rays on the rat retina and on rhodopsin p0172 W78-22644
- Effects of hard radiation on the visual pigment rhodopsin p0172 W78-22645
- VISUAL SIGNALS**
- Electrophysiological techniques for studying visual function in man - A historical overview p0035 A78-16076
- Eye muscle potentiation does not account for adaptation in distance perception based on oculomotor cues p0036 A78-16824
- Functional equivalence of masking and cue reduction in perception of shape at a slant p0100 A78-26375
- Influence of angular measures, duration, and shape of stimuli on detecting the order of tracking visual signals p0196 A78-37746
- Visual fixation points and depth perception p0221 A78-43186
- A model for the pilot's use of motion cubes in roll-axis tracking tasks [AD-A043690] p0008 W78-10706
- VISUAL STIMULI**
- Spatial frequency and the mediation of short-term visual storage p0017 A78-13117
- Latency changes in the human visual evoked response to sinusoidal gratings p0025 A78-14416
- Brightness generation in the human visual system - Colour-brightness: A contribution of cortical colour channels to brightness sensation p0025 A78-14417
- Psychophysical applications of human electroretinography p0035 A78-16077
- Transient visually evoked potential --- in human visual cortex p0035 A78-16078
- Steady-state evoked potentials --- in visual pathways p0035 A78-16079
- Spatiotemporal mapping of scalp potentials p0035 A78-16080
- Chromatic two-pulse resolution with and without luminance transients --- in temporal processing of visual stimuli p0035 A78-16082
- The role of afterimages in visual spatial aftereffects p0037 A78-17096
- The angle of visual roll motion determines displacement of subjective visual vertical p0056 A78-19975
- Cortical magnification factor predicts the photopic contrast sensitivity of peripheral vision p0057 A78-20324
- Visual counteraction of nauseogenic and disorienting effects of some whole-body motions - A proposed mechanism p0078 A78-21738
- Temporal summation in human vision - Simple reaction time measurements p0082 A78-23849
- The effect of varying linear perspective, movement parallax, and speed of rotation on perceived oscillation of two-dimensional trapezoidal stimuli p0082 A78-23850
- Effect of vestibular and optokinetic stimuli on the speed of processing information by an operator --- pilot performance p0137 A78-30785
- Influence of angular measures, duration, and shape of stimuli on detecting the order of tracking visual signals p0196 A78-37746
- Some mechanisms of visual masking p0197 A78-37747
- Cortical evoked potentials during successive visual masking p0197 A78-37748
- Changing fixation in the transverse plane at eye level and Hering's law of equal innervation p0211 A78-40577
- Error-correcting mechanisms in large saccades p0212 A78-40580
- The effect of stimulus size on human cyclofusional response p0212 A78-40581
- Linear model for visual-vestibular interaction p0214 A78-41161
- Nonadditivity of vergence and saccadic eye movement p0221 A78-43184
- Visual phenomena induced by relativistic carbon ions with and without Cerenkov radiation p0239 A78-45077
- Effects of partial body weightlessness on the vestibulo-ocular reflex in man p0258 A78-47112
- Method of investigating perceptual extrapolation p0262 A78-47963
- Susceptibility of the cat's visual system to hypoxia, hypotonia and circulatory arrest p0273 A78-49300
- Visual evoked responses to the upper and lower half-field stimulation in a dark-adapted man p0273 A78-50025
- Visual response time to colored stimuli in peripheral retina - Evidence for binocular summation p0294 A78-51871
- Complete adaptation to patterned stimuli - A necessary and sufficient condition for Weber's law for contrast p0295 A78-51956
- A facilitation effect in orientation discrimination --- relation to visual stimulus onset asynchrony p0295 A78-51957
- Neuronal network in the retina - Interactions between photoreceptors /cones/ and horizontal cells p0296 A78-52444
- Visual stimulator --- for critical flicker fusion experiments p0299 A78-52704
- Saccadic eye movements and localization of visual stimuli p0299 A78-53083

# SUBJECT INDEX

# VOLUMETRIC ANALYSIS

- An investigation of the relationship of the evoked potential to various modes of visual stimulation p0005 N78-10689
- On the spatial breadth of spatial frequency channels in human visual detection p0039 N78-12654
- The visually evoked magnetic field of the human brain p0065 N78-15680
- An automated saccade analysis system p0123 N78-19747
- Visual-vestibular interaction during linear motion p0170 N78-22634
- The effects of stimulus orientation and response bias upon dynamic visual acuity [AD-A047827] p0179 N78-22706
- Hysteresis in human binocular fusion: A second look p0314 N78-33711
- VISUAL TASKS**
- Some new control theoretic models for human operator-display monitoring p0019 A78-13446
- Defining the boundary in a positioning task p0037 A78-17124
- Prediction of realistic visual tasks from image quality data p0053 A78-18714
- Sequential expectancy in visual search p0054 A78-18825
- A technique for the visual study of aircraft instrument panel utilization by the crew p0058 A78-20539
- Search through a sequentially presented visual display p0082 A78-23848
- A review of the effects of vibration on visual acuity and continuous manual control. I - Visual acuity. II - Continuous manual control p0099 A78-26247
- Visual detection of commencement of aircraft takeoff runs --- as control tower siting requirement p0101 A78-26735
- Induced visual movement as nonveridical resolution of displacement ambiguity p0131 A78-29275
- Caffeine consumption and target scanning performance p0133 A78-29542
- Visual adaptation to patterns containing two-dimensional spatial structure p0137 A78-30741
- The predictive control of behaviour - Appropriate and inappropriate actions beyond the input in a tracking task p0155 A78-34085
- Signal detection and identification at successive stages of observation --- sensory perception p0156 A78-34680
- Noise exposure, monitoring and tracking performance as a function of signal bias and task priority p0195 A78-36676
- Air ions and human performance p0195 A78-36677
- Temporal limitations of processing of visual information by a human operator p0196 A78-37745
- Pattern thresholds for moving and stationary gratings during smooth eye movement p0211 A78-40578
- Velocity matching during smooth pursuit of different targets on different backgrounds --- visual tracking p0212 A78-40584
- Perceptual effect of pursuit eye movements in the absence of a target p0236 A78-43924
- Research in pilot scanning behavior p0239 A78-45438
- Choice and analytic techniques involving indices of visual information input. I p0257 A78-46954
- Detection of terrestrial landmarks during dark adaptation p0264 A78-47984
- Visual work capacity of an operator p0264 A78-47985
- Results of visual observations of the atmosphere and landscapes from manned spacecraft p0265 A78-47989
- Realignment of the cardiovascular system of a human operator under the action of negative gravity p0270 A78-48760
- A model for the pilot's use of motion cues in steady-state roll-axis tracking tasks [AIAA 78-1593] p0291 A78-50668
- Comparison of the vigilance performance of men and women using a simulated radar task p0298 A78-52642
- Binocular detection by normal and stereoblind observers p0299 A78-53082
- Mental rotation under head tilt - Factors influencing the location of the subjective reference frame p0299 A78-53084
- Tachistoscopic perception under head tilt p0300 A78-53085
- Visual Workload of the copilot/navigator during terrain flight --- of the UH-1 helicopter p0090 N78-16623
- Physiological correlates of performance in a long duration repetitive visual task [AD-A043047] p0095 N78-17666
- VISUAL TRACKING**
- U OPTICAL TRACKING
- VITAMIN C**
- U ASCORBIC ACID
- VITAMIN D**
- U CALCIFEROL
- VITAMINS**
- NT ASCORBIC ACID
- NT CALCIFEROL
- Vitamins limiting for growth of subjects fed a normal diet under hyperbaric He-O2 conditions p0079 A78-21740
- Absorptive function of the small intestine during administration of the aerovit drug under motion-sickness conditions p0160 A78-36124
- Effect of vitamin and amino acid supplements on human performance during heavy mental and physical work p0298 A78-52638
- VOICE COMMUNICATION**
- NT VOICE DATA PROCESSING
- Auditory evoked potentials elicited by tones and voice as the alarm signal p0191 A78-36328
- Design of a system of man-computer communication p0293 A78-51640
- Human verbal behavior considerations in the design of voice actuated hardware systems --- for P-3C aircraft [AD-A049925] p0147 N78-20776
- Pitch and formant analysis of the voice in the investigation of pilot workshop p0287 N78-31750
- VOICE DATA PROCESSING**
- Required attention for synthesized speech perception for three levels of linguistic redundancy -0196 A78-37531
- VOLATILITY**
- The combined effect of volatile products of thermal oxidation decomposition of lubricating oil and hypoxic hypoxia on the organism p0185 N78-23723
- VOLCANICS**
- U VOLCANOLOGY
- VOLCANOES**
- The formation of protobiological compounds during the eruption of the Tolbachik volcano p0002 A78-11786
- VOLCANOLOGY**
- Volcanism and soil mercury on Mars - Consequences for terrestrial microorganisms p0268 A78-48670
- VOLTAGE**
- U ELECTRIC POTENTIAL
- VOLTAGE MEASUREMENT**
- U ELECTRICAL MEASUREMENT
- VOLUMETRIC ANALYSIS**
- Continuous distributions of specific ventilation recovered from inert gas washout p0131 A78-29033

## VTOL AIRCRAFT

Emptying patterns of the lung studied by  
multiple-breath N2 washout p0131 A78-29034

## VTOL AIRCRAFT

## U VERTICAL TAKEOFF AIRCRAFT

## VULCANIZATES

## U VULCANIZED ELASTOMERS

## VULCANIZED ELASTOMERS

Standard specification for the production of men's  
protective shoes with direct vulcanized soles  
and heels p0208 N78-25765  
[SABS-1168-1977]

## W

## WAKEFULNESS

Inversion of the sleep wakefulness pattern -  
Effects on circadian variations in  
psychophysiological activation p0019 A78-13476

Characteristics of the local temperature of  
isolated cortex during wakefulness and  
alternation of sleep stages p0107 A78-28449

Cardiac rhythm during wakefulness and different  
stages of sleep p0129 A78-28491

Rhythm of heart contractions in different stages  
of sleep and during wakefulness p0218 A78-42659

Evolution of sleep: Stages of formation of the  
wakefulness-sleep cycle in a number of vertebrates  
--- Russian book p0266 A78-48524

Role of the paradoxical phase in the organization  
of the sleep-wakefulness cycle in the rat p0302 A78-53786

Sleep wakefulness determinations from heart rate  
data, volume 3 p0113 N78-18703  
[AD-A045817]

## WALKING

Features of statokinetic reactions --- cosmonaut  
locomotive activity p0194 A78-36635

Drop foot corrective device  
[NASA-CASE-LAR-12259-1] p0121 N78-18762

Two-dimensional linear models of two-legged walking  
--- human factors engineering p0251 N78-29037

## WALKING MACHINES

On problems and principles of robots' motion  
p0023 A78-14002

Continuous and pulse control of the horizontal  
motion of a biped walking apparatus p0104 A78-27154

Linear problem of stabilizing biped walk  
p0104 A78-27155

## WALL PRESSURE

Pressure measurements of the wall after  
bifurcations and visual observation of streaming  
fluid in glass models of bifurcations p0179 N78-22699

## WARNING DEVICES

## U WARNING SYSTEMS

## WARNING SIGNALS

## U WARNING SYSTEMS

## WARNING SYSTEMS

Human factors considerations in establishing  
aircraft collision avoidance system alert  
thresholds p0130 A78-28832

Auditory evoked potentials elicited by tones and  
voice as the alarm signal p0191 A78-36328

A survey of the status of and philosophies  
relating to cockpit warning systems p0046 N78-13746  
[NASA-CR-152071]

## WASHING

## NT HOUSEKEEPING (SPACECRAFT)

A study of the pulsed method of laundering  
p0111 N78-18692

## WASTE DISPOSAL

Space ecosystem: An approach to the design of  
closed ecosystems for use in space p0226 N78-26740  
[NASA-TM-78491]

Neutralization of organic substances in waste  
water by plants p0251 N78-29728  
[AD-A053435]

## SUBJECT INDEX

Disposal of radioactive iodine in space  
[NASA-TP-1313] p0285 N78-31740

## WASTE UTILIZATION

Hygienic appraisal of water regenerated from  
diverse fluid-containing waste p0176 N78-22679

## WASTE WATER

Studies on the isolation and identification of  
hepatitis viruses in water p0206 N78-25744

Biological testing of water reclaimed from  
purified sewage effluents p0206 N78-25747

Coliphages survival as viral indicator in various  
wastewater quality effluents p0207 N78-25748

Biodegradation of shipboard wastewater in  
collection, holding, and transfer tanks  
[AD-A053643] p0251 N78-29726

Neutralization of organic substances in waste  
water by plants p0251 N78-29728  
[AD-A053435]

Research and development of a luminol-carbon  
monoxide flow system p0305 N78-32671  
[NASA-CR-156832]

## WASTES

## NT INDUSTRIAL WASTES

## NT METABOLIC WASTES

## NT RADIOACTIVE WASTES

## NT URINE

## NT WASTE WATER

## WATER

## NT COLD WATER

## NT POTABLE WATER

## NT SEA WATER

## NT WASTE WATER

Water system microbial check valve development  
[NASA-CR-151678] p0181 N78-22719

Distribution of tissue water and electrolytes in  
normal rhesus macaques p0188 N78-23738  
[AD-A052019]

Biological productivity in fresh water  
environments, volume 2. A bibliography with  
abstracts p0203 N78-24786  
[NTIS/PS-78/0293]

## WATER BALANCE

Fluid-electrolyte shifts and maximal oxygen uptake  
in man at simulated altitude /2,287 m/  
p0192 A78-36602

The osmoregulating function of the kidneys during  
immersion p0197 A78-37857

Body fluid compartments in rabbits on exposure to  
acute hypobaric hypoxia --- with/without  
diuretic treatment p0215 A78-41163

Water-salt exchange during bedrest of varying  
duration p0065 N78-15683  
[NASA-TM-75077]

Effect of prolonged hypokinesia on the water and  
fat content of the human body p0230 N78-27752  
[NASA-TM-75522]

## WATER CONSUMPTION

Storability investigations of water long-term  
storage evaluation p0127 N78-19776  
[AD-A049189]

## WATER CONTENT

## U MOISTURE CONTENT

## WATER LOSS

Evaporative water loss in man in a gravity-free  
environment p0297 A78-52543

## WATER MANAGEMENT

Dynamic hyperfiltration membranes for  
high-temperature spacecraft wash water recycle  
[NASA-CR-151689] p0150 N78-21767

## WATER POLLUTION

Acute toxicity of selected hydrazines to the  
common guppy p0032 A78-15254

Biological productivity in fresh water  
environments, volume 2. A bibliography with  
abstracts p0203 N78-24786  
[NTIS/PS-78/0293]

Studies on the isolation and identification of  
hepatitis viruses in water p0206 N78-25744

Phytoplankton sampling in quantitative baseline  
and monitoring programs

## SUBJECT INDEX

## WEIGHTLESSNESS

- [PB-279644/9] p0252 N78-29733  
Annotated bibliography on biological effects of  
metals in aquatic environments, 3d  
[PB-280953/1] p0311 N78-32715
- WATER PURIFICATION**  
**U WATER TREATMENT**  
**WATER QUALITY**  
A controlled bioassay system for measuring  
toxicity of heavy metals  
[PB-267973/6] p0005 N78-10685  
Rapid, quantitative determination of bacteria in  
water  
[NASA-CASE-GSC-12158-1] p0165 N78-22585  
Method and apparatus for continuous measurement of  
bacterial content of aqueous samples  
[NASA-CASE-MSC-16779-1] p0165 N78-22586  
Method and automated apparatus for detecting  
coliform organisms  
[NASA-CASE-MSC-16777-1] p0165 N78-22588  
Water quality monitoring system  
[NASA-CASE-MSC-16778-1] p0165 N78-22589  
Fluid sample collection and distribution system  
[NASA-CASE-MSC-16841-1] p0166 N78-22590  
Hygienic appraisal of water regenerated from  
diverse fluid-containing waste  
p0176 N78-22679  
Sanitary and hygienic evaluation of water  
regenerated from urine  
p0177 N78-22686  
Experimental substantiation of maximum permissible  
concentrations of acetone and acetaldehyde in  
reclaimed potable water  
p0185 N78-23722  
Coliphages survival as viral indicator in various  
wastewater quality effluents  
p0207 N78-25748  
Microbiological quality and epidemiological  
aspects of reclaimed water  
p0207 N78-25749  
Seagrass literature survey  
[AD-A054480] p0252 N78-29729  
Distribution of phytoplankton in Tennessee lakes  
[PB-280139/7] p0276 N78-30803  
Distribution of phytoplankton in Ohio lakes  
[PB-280140/5] p0276 N78-30804  
Biological water quality monitoring using  
chemiluminescent and bioluminescent techniques  
[NASA-CR-156830] p0313 N78-33702
- WATER RECLAMATION**  
Electrolytic pretreatment of urine  
[NASA-CR-151566] p0043 N78-13725  
Hygienic appraisal of water regenerated from  
diverse fluid-containing waste  
p0176 N78-22679  
Sanitary and hygienic evaluation of water  
regenerated from urine  
p0177 N78-22686  
Experimental substantiation of maximum permissible  
concentrations of acetone and acetaldehyde in  
reclaimed potable water  
p0185 N78-23722  
Biological testing of water reclaimed from  
purified sewage effluents  
p0206 N78-25747  
Microbiological quality and epidemiological  
aspects of reclaimed water  
p0207 N78-25749
- WATER RECOVERY**  
**U WATER RECLAMATION**  
**WATER TREATMENT**  
Onboard food rations and a system for providing  
water --- on Soyuz spacecraft  
p0193 A78-36630  
Iodine generator for reclaimed water  
purification  
[NASA-CASE-MSC-14632-1] p0062 N78-14784  
Water quality monitoring system  
[NASA-CASE-MSC-16778-1] p0165 N78-22589  
Inactivation of enteroviruses and coliphages with  
ozone in waters and waste waters  
p0206 N78-25745  
Virus concentration by hollow fiber  
membranes:  
Where to now?  
p0206 N78-25746  
Physico-chemical treatment of pond effluents for  
unrestricted agricultural reuse with recovery of  
algae as protein source: Pilot and field scale  
experiments  
p0207 N78-25750
- Biodegradation of shipboard wastewater in  
collection, holding, and transfer tanks  
[AD-A053643] p0251 N78-29726
- WATER VEHICLES**  
**NT AIRCRAFT CARRIERS**  
**NT SHIPS**  
**NT SUBMARINES**  
**WATER WAVES**  
Prediction of motion sickness incidence: A  
statistical examination of three approaches  
[AD-A044060] p0042 N78-12674
- WAVE ATTENUATION**  
**NT ACOUSTIC ATTENUATION**  
**WAVE PROPAGATION**  
**NT LIGHT SCATTERING**  
Propagation of pulsed wave in arterial vessels  
with allowance for preliminary stresses and  
muscular activity  
p0220 A78-42874  
A new model of nerve action potential and the  
existence of a pulse solution  
p0109 N78-18676
- WAVE RADIATION**  
**U ELECTROMAGNETIC RADIATION**  
**WAVE SCATTERING**  
**NT LIGHT SCATTERING**  
**WAVEFORMS**  
**NT PULSE AMPLITUDE**  
Harmonic analysis of the left ventricular pressure  
waveform of the primate  
p0130 A78-28950  
Ten-year experience with abnormal EEGs in  
asymptomatic adult males  
p0158 A78-35112
- WAVEGUIDES**  
**NT OPTICAL WAVEGUIDES**  
**WEAPON SYSTEMS**  
Optimization of crew performance in future  
aircraft and weapon systems - Experimental  
methods of objective measurement  
p0060 A78-20563  
Human factors engineering in Air Force weapon  
systems acquisition  
[AD-A043207] p0015 N78-11716  
Integration and application of human resource  
technologies in weapon system design  
[AD-A053681] p0255 N78-29756  
Integration and application of human resource  
technologies in weapon system design:  
Coordination of five human resource technologies  
[AD-A053680] p0255 N78-29757
- WEATHER**  
**NT COLD WEATHER**  
**NT HOT WEATHER**  
**WEBS (MEMBRANES)**  
**U MEMBRANES**  
**WEIGHT (MASS)**  
**NT BODY WEIGHT**  
**NT ORGAN WEIGHT**  
**WEIGHTLESSNESS**  
Continuous 30-day measurements utilizing the  
monkey metabolism pod --- study of  
weightlessness effects  
p0030 A78-15201  
Effect of weightlessness and of artificial gravity  
on irradiated lettuce seeds  
p0031 A78-15210  
Effects of weightlessness, space orientation and  
light on geotropism and the formation of fruit  
bodies in higher fungi  
p0031 A78-15211  
Postural equilibrium following exposure to  
weightless space flight  
p0035 A78-16014  
Pine seed germination at zero gravity /A  
Cosmos-782 experiment/  
p0051 A78-18523  
Alterations in erythrocyte survival parameters in  
rats after 19.5 days aboard Cosmos 782  
p0079 A78-21744  
The possibility of studying ageusia during  
weightlessness by the electrogustometric method  
p0106 A78-28325  
Morphogenetic responses of cultured totipotent  
cells of carrot /Daucus carota var. carota/ at  
zero gravity  
p0135 A78-30296  
Physiological effects of varying gravity  
p0198 A78-38751



## WEIGHTLESSNESS SIMULATION

## SUBJECT INDEX

- Functional system of antigravity and modeling of physiological effects of decreased gravity  
p0199 A78-38755
- Space colonization - Some physiological perspectives  
p0215 A78-41164
- Life sciences research in Spacelab  
p0239 A78-44621
- Effects of partial body weightlessness on the vestibulo-ocular reflex in man  
p0258 A78-47112
- Man under conditions of weightlessness --- physiological effects  
p0259 A78-47482
- Visual-motor coordination in the simulation of 10-day reduced gravity  
p0263 A78-47976
- Bioenergetics of control in the state of simulated weightlessness  
p0263 A78-47980
- Changes of closely related enzymes and minerals to neuro-muscular systems of albino rats, during prolonged exposure to simulated hypogravities  
p0268 A78-48645
- Is gravity a morphological determinant in plants at the cellular level  
p0269 A78-48699
- Evaporative water loss in man in a gravity-free environment  
p0297 A78-52543
- Further investigation of the spontaneous and evoked activity of the primary neurons of statoreceptors (and other receptors) of the labyrinth of the bullfrog before, during and after an extended period of weightlessness, including alternative intervals of artificial gravity  
[NASA-CR-154507] p0005 A78-10684
- Effect of weightlessness conditions on the somatic embryogenesis in the culture of carrot cells  
[NASA-TM-75040] p0008 A78-11662
- The use of nonhuman primates in space  
[NASA-CP-005] p0008 A78-11663
- A review of animal flight experiments  
p0009 A78-11664
- Physiological studies in space with nonhuman primates using the monkey pod  
p0009 A78-11665
- Veterinary medical considerations for the use of nonhuman primates in space research  
p0009 A78-11671
- Cardiovascular studies using the chimpanzee (Pan troglodytes)  
p0010 A78-11672
- Preliminary results of the scientific experiments on the Kosmos-936 biosatellite  
[NASA-TM-75071] p0043 A78-13721
- Pine seed germination under weightlessness (a study of the Kosmos 782 satellite)  
[NASA-TM-75080] p0063 A78-15667
- Laboratory simulation of the action of weightlessness on the human organism  
[NASA-TM-75072] p0065 A78-15682
- Study of the biological effects of long-term weightlessness in laboratory model experiments on mammals  
[NASA-TM-75076] p0085 A78-16585
- Formation of ectopic osteogenesis in weightlessness  
[NASA-TM-75079] p0085 A78-16586
- Application and effectiveness of prophylactic devices in model experiments  
[NASA-TM-75074] p0088 A78-16609
- Principal methods of simulating biological effects of weightlessness  
p0117 A78-18739
- Combined effect of weightless and ionizing radiation of rats: Results of morphological studies  
p0124 A78-19759
- Isozyme composition of lactate dehydrogenase of rat skeletal muscles after flight in Kosmos-690 biosatellite  
p0125 A78-19760
- Separation of lymphocytes by electrophoresis under terrestrial conditions and at zero gravity, phase 3  
[NASA-CR-151702] p0148 A78-21753
- Summary of past findings in biomedical research accumulated during Apollo and Skylab missions  
p0169 A78-22620
- Three-dimensional ballistocardiography in weightlessness  
p0169 A78-22624
- Electrical impedance and mechanography, methods of cardio-vascular investigation in space  
p0169 A78-22625
- Cerebral circulation in weightlessness; Comparison and validation of different methods  
p0170 A78-22626
- The measurement of tissue thickness and tissue compliance in man  
p0170 A78-22627
- Cardio-respiratory adaptation and central blood volume during weightlessness  
p0170 A78-22628
- Possible mechanisms of motion and space sickness  
p0170 A78-22631
- The effect of gravity on the static and dynamic properties of single vestibular units investigated in the bull frog by means of a vestibular orbital laboratory (VOL).  
p0171 A78-22636
- Influence of gravity and weightlessness on maturation of the equilibrium function  
p0171 A78-22639
- Vision and spaceflights  
p0172 A78-22642
- Results of radiobiological spaceflight experiments --- weightlessness influencing radiation response of biological matter  
p0173 A78-22655
- Expected effects of weightlessness on cell ultrastructure  
p0174 A78-22662
- The application of in-vivo measurements of bone strain to Spacelab program. Preliminary results --- transducer development  
p0174 A78-22664
- Effect of prolonged weightlessness on metabolism of proteins in red and white skeletal muscles of rats  
p0175 A78-22671
- Zero gravity and cardiovascular homeostasis. The relationship between endogenous hyperprolactinemia and plasma aldosterone  
[NASA-CR-151715] p0179 A78-22705
- Space Biology and Aerospace Medicine, volume 12, no. 2  
[JPRS-71096] p0183 A78-23708
- Consumption of freeze-dried food in weightlessness --- for space flight feeding  
p0184 A78-23712
- Some problems of pathogenesis of respiratory disorders occurring at +G sub z accelerations combined with breathing pure oxygen  
p0184 A78-23714
- Structural and functional organization of the vestibular apparatus in rats subjected to weightlessness for 19.5 days aboard the Kosmos-782 satellite  
[NASA-TM-75529] p0223 A78-26717
- Effect of altered gravity on temperature regulation in mammals: Investigation of gravity effect on temperature regulation in mammals  
[NASA-CR-157570] p0275 A78-30797
- Effects of weightlessness and hypokinesia on contractility of bundles of glycerin-treated rat muscle fibers  
p0307 A78-32689
- WEIGHTLESSNESS SIMULATION**
- Effect of prehatching weightlessness on adult fish behavior in dynamic environments  
p0139 A78-31841
- Hypodynamia and the cardiovascular system --- Russian book  
p0197 A78-37884
- Fifty minutes of submerged weightlessness --- weightlessness simulation  
p0241 A78-46291
- Psychological model of weightlessness in space flight simulation  
p0261 A78-47958
- Responses of roots to simulated weightlessness on the fast rotating klinostat  
p0268 A78-48667
- Effects of simulated hypogravity on respiration and photosynthesis of higher plants  
p0269 A78-48680

# SUBJECT INDEX

# WORKLOADS (PSYCHOPHYSIOLOGY)

- Laboratory simulation of the action of weightlessness on the human organism [NASA-TM-75072] p0065 N78-15682
- Principal methods of simulating biological effects of weightlessness p0117 N78-18739
- Circulatory, renal and endocrine reactions on simulated weightlessness dependent on physical fitness state p0170 N78-22629
- Development of the vestibulum of frog embryos and larvae on the fast running clinostat p0171 N78-22641
- Fifty minute in hydraulic weightlessness p0312 N78-33018
- WEST GERMANY**
- U GERMANY**
- WETNESS**
- U MOISTURE CONTENT**
- WHIRL**
- U ROTATION**
- WHIRLING**
- U ROTATION**
- WHITE NOISE**
- Some latency and relaxation measures of the acoustic reflex in response to white noise and pure tones, in subjects with normal hearing and subjects with sensorineural hearing loss p0087 N78-16600
- WIDEBAND**
- U BROADBAND**
- WILDLIFE RADIOLOCATION**
- Automated tracking of the Florida manatee (Trichechus manatus) [NASA-CR-157040] p0207 N78-25752
- WIND EFFECTS**
- Biodynamic model of a parachutist p0075 A78-21712
- Aerodynamic forces exerted on an articulated human body subjected to windblast p0075 A78-21713
- WIND PRESSURE**
- Aerodynamic forces exerted on an articulated body subjected to windblast [AD-A044217] p0041 N78-12662
- WIND VELOCITY**
- Experiments on the noise heard by human beings when exposed to atmospheric winds p0200 A78-39347
- WINDSCREENS**
- U WINDSHIELDS**
- WINDSHIELDS**
- Perceived magnitudes of distortion, secondary imaging, and rainbowning in aircraft windshields p0272 A78-49272
- Windshield quality and pilot performance [AD-A048457] p0127 N78-19774
- WOMEN**
- U FEMALES**
- WORDS (LANGUAGE)**
- Involuntary automatic processing in color-naming tasks p0271 A78-48825
- Electroencephalographic and galvanic skin responses to verbal stimuli [PB-274175/9] p0096 N78-17670
- WORK**
- NT PHYSICAL WORK**
- The biomechanics of work p0100 A78-26268
- Metabolic, cardiovascular, and respiratory factors in the development of fatigue in lifting tasks p0236 A78-43790
- WORK CAPACITY**
- Dynamics of the human mental work capacity during some activity regimes p0021 A78-13584
- Time base for the performance of functions by cosmonauts p0022 A78-13585
- Study of the work capability of helicopter crews during a long stay on warships p0137 A78-30786
- Mental work-load as a function of demand, capacity, strategy and skill p0159 A78-35852
- Optimal rate of work for mountaineers p0217 A78-42007
- Method of evaluating the work capacity of pilots and astronauts p0262 A78-47962
- Operator activity in a state of continuous wakefulness p0262 A78-47969
- Verification of workload - A job for simulation --- pilot performance [AIAA 78-1586] p0290 A78-50664
- Quantitative systems analysis of various regimes of intense muscular loading p0292 A78-51320
- Oxygen consumption during constant-load exercise p0297 A78-52540
- Conditioned reflex activity of rats at later periods after the end of flight aboard the Kosmos-605 biosatellite [NASA-TM-75523] p0223 N78-26716
- Work Capability and physiological effects predictive studies. 4: In He-O2 excursions to pressures of 400- 800- 1200- and 1600 feet of sea water [NASA-CR-157571] p0282 N78-31714
- WORK-REST CYCLE**
- Problems in maintaining the alertness of air force personnel - The organization of work schedules during long-distance flights p0020 A78-13514
- Effects of rapidly rotating shifts on sleep patterns and sleep structure p0101 A78-26733
- Recuperation after muscular fatigue by 'diverting activities' p0102 A78-26742
- A central nervous component in local muscular fatigue p0102 A78-26743
- Study of sleep in shift workers with alternating schedules - Adaptation and recovery in the case of rapid shift rotation /3-4 days/ p0103 A78-26747
- The organization of work and rest for Soyuz crew members p0193 A78-36633
- Medical problems of rationalizing the work-rest regimen of astronauts p0261 A78-47956
- Experimental attempts to evoke a differential response to different stressors [AD-A054795] p0311 N78-32716
- WORKING FLUIDS**
- Hazards of organic working fluids [BRL-50761] p0283 N78-31725
- WORKLOADS (PSYCHOPHYSIOLOGY)**
- A design procedure for control/display systems --- performance-workload relations for CH-47 helicopter longitudinal response p0003 A78-12447
- Effect of the physical load on human biorhythms --- relating to space flight p0022 A78-13586
- A psychophysiological study of pilot behavior in conditions of combined activity p0022 A78-13589
- An investigation of time-sharing ability as a factor in complex performance --- for divided-attention tasks p0054 A78-18821
- Investigation of pilot behavior in flight /Analysis of Japanese studies/ p0060 A78-20564
- Workload and operational fatigue in helicopter pilots p0102 A78-26741
- Stress and workload in pilots p0140 A78-31846
- Stress in air traffic personnel - Low-density towers and flight service stations p0158 A78-35111
- International Congress of Psychology, 21st, Symposium on Mental Work Load, Paris, France, July 25, 1976, Proceedings p0159 A78-35851
- Mental work-load as a function of demand, capacity, strategy and skill p0159 A78-35852
- Forgotten alternatives in skill and work-load p0159 A78-35853

- The regulation of working methods as a function of work-load among air traffic controllers p0159 A78-35854
- Dual task methods of assessing work-load p0160 A78-35855
- Inflight measurement of pilot workload - A panel discussion p0161 A78-36158
- A queuing analysis of the air traffic controller's work load p0200 A78-39648
- Evaluation method of mental workload under flight conditions --- relationship to heart rate variability p0215 A78-41168
- Objective workload and behavioural response in airport radar control rooms p0259 A78-47491
- Performance, mood, and clinical symptoms in men exposed to prolonged, severe physical work and sleep deprivation p0265 A78-48079
- Simulator study for the determination of the demands upon the pilot in the case of unconventional, spatially curved approach profiles --- German thesis p0273 A78-49406
- Verification of workload - A job for simulation --- pilot performance [AIAA 78-1586] p0290 A78-50664
- Closed loop models for analyzing the effects of simulator characteristics --- pilot performance/workload prediction [AIAA 78-1592] p0291 A78-50667
- Objective job difficulty, behavioural response, and sector characteristics in air route traffic control centres p0293 A78-51348
- Workload and fatigue-in-flight EEG changes p0298 A78-52640
- Objective methods for developing indices of pilot workload [AD-A044556/9] p0067 N78-15695
- Physiological work capacity and efficiency of adults during short duration high intensity work while engaged in a specific low carbohydrate, low calorie diet p0087 N78-16602
- Studies on Pilot Workload --- psychophysiological factors [AGARD-CP-217] p0090 N78-16621
- Workload and operational fatigue in helicopter pilots p0090 N78-16622
- Subjective stress assessment as a criterion for measuring the psychophysical workload on pilots p0091 N78-16632
- Assessing pilot workload [AGARD-AG-233] p0122 N78-18770
- The effects of participatory mode and task workload on the detection of dynamic system failures [AD-A050210] p0147 N78-20775
- Flight performance and pilot workload in helicopter flight under simulated IHC employing a forward looking sensor p0223 N78-26055
- Pilot workload analysis based upon in-flight physiological measurements and task analysis methods [NLR-HP-76001-U] p0256 N78-29762
- Methods to assess work load [AGARD-CP-216] p0286 N78-31745
- Methodological considerations of visual workloads of helicopter pilots --- eye movement measurements p0286 N78-31747
- Auditory communication and workload --- human response time measurements to voice communication p0287 N78-31749
- Pitch and formant analysis of the voice in the investigation of pilot workshop p0287 N78-31750
- Determination of stress and strain of air traffic control officers --- physiological response measurements p0287 N78-31751
- Instruments and methodology for the assessment of physiological cost of performance of stressful continuous operations: The air traffic services tower environment p0287 N78-31752
- Physiological measures of workloads: Correlations between physiological parameters and operational performance p0287 N78-31753
- Use of Inspiratory Minute Volumes in evaluation of rotary and fixed wing pilot workload --- respiratory response to flight conditions p0287 N78-31754
- Neurophysiological assessment of functional states of the brain --- electroencephalographic responses to workloads p0287 N78-31755
- The human operator simulator: Workload estimation using a simulated secondary task p0287 N78-31756
- Operator workload assessment model: An evaluation of a VF/VA-V/STOL system p0288 N78-31757
- Mathematical analysis and computer simulation in military mission workload assessment p0288 N78-31758
- Adaptation of time line analysis program to single pilot instrument flight research [NASA-TM-78748] p0317 N78-33731
- WOUND HEALING**
- A finite element head injury model. Volume 2: Computer program documentation [AD-A043582] p0012 N78-11693
- A finite element head injury model. Volume 1: Theory, development, and results [AD-A043605] p0012 N78-11694
- WRAPAROUND CONTACT SOLAR CELLS**
- U SOLAR CELLS**
- WRIST**
- Muscular control of movements with one degree of freedom. I - Single movements p0034 A78-15996
- Wrist joint assembly [NASA-CASE-WFS-23311-1] p0096 N78-17676
- X**
- X BAND**
- U SUPERHIGH FREQUENCIES**
- X RAY ANALYSIS**
- Regional lung expansion at total lung capacity in intact vs. excised canine lungs p0297 A78-52539
- Resolution requirements for slow-scan television transmission of X-rays. A test report for the remote medical diagnosis system [AD-A047870] p0095 N78-17669
- Patient doses resulting from an X-ray recording (belly survey picture). Influence of technical parameters on the dosage [IRI-190-77-01] p0114 N78-18709
- X-ray analysis of biological specimens [UR-3490-1341] p0313 N78-33704
- X RAY IRRADIATION**
- Effects of radiation upon the light-sensing elements of the retina as characterized by scanning electron microscopy p0029 A78-15197
- Effects of X-rays on the rat retina and on rhodopsin p0172 N78-22644
- X RAY SPECTROGRAPHY**
- U X RAY SPECTROSCOPY**
- X RAY SPECTROMETRY**
- U X RAY SPECTROSCOPY**
- X RAY SPECTROSCOPY**
- X-ray photogrammetric analysis of skeletal spatial motions p0061 N78-14775
- X RAYS**
- Radio protection and diagnosis with X-rays p0145 N78-20760
- Primary medium energy exposure standard: Comparison between ISS and BIPM p0145 N78-20761
- HEXIT program for evaluating the patient dosage: First results for some X ray diagnostics installations p0145 N78-20762
- The "protection against X-ray damages act" of 1973 promulgated by the German Federal Republic [ISS-R-76/13] p0188 N78-23742

SUBJECT INDEX

SIWC

Radiobiological aspects of high altitude flight:  
Relative biological effectiveness of fast  
neutrons in suppressing immune capacity to an  
infective agent  
[AD-A053204] p0230 N78-27756

XANTHINES  
NT CAFFEINE

Y

YAK 40 AIRCRAFT  
Subjective ratings of flying qualities and pilot  
workload in the operation of a short haul jet  
transport aircraft --- Yak 40 aircraft  
p0091 N78-16631

YB0-1 HELICOPTER  
U YB-1 HELICOPTER  
YOUNG MODULUS  
J MODULUS OF ELASTICITY  
YUH-1 HELICOPTER  
U YH-1 HELICOPTER

Z

ZERO GRAVITY  
U WEIGHTLESSNESS  
ZINC  
Toxicological investigation of zinc and titanium  
smoke compositions. A literature study  
[FOA-C-40072-H2] p0254 N78-29744

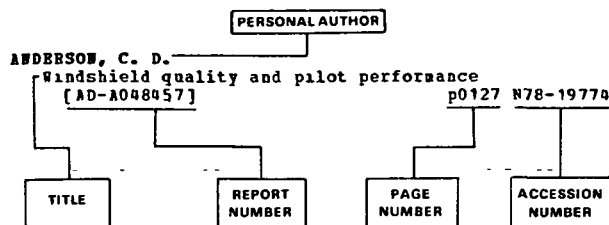
# PERSONAL AUTHOR INDEX

AEROSPACE MEDICINE AND BIOLOGY / *a continuing bibliography*

JANUARY 1979

1978 Cumulative Index

## Typical Personal Author Index Listing



Listings in this index are arranged alphabetically by personal author. The title of the document provides the user with a brief description of the subject matter. The report number helps to indicate the type of document listed (e.g. NASA report translation, NASA contractor report). The page and accession numbers are located beneath and to the right of the title, e.g. p0127 N78-19774. Under any one author's name the accession numbers are arranged in sequence with the /44 accession numbers appearing first.

## A

- ANDERSON, C. D.**  
Windshield quality and pilot performance  
[AD-A048457] p0127 N78-19774
- ABBON, A. M.**  
Cardiac output and aortic-pulmonary shunt studies  
p0144 N78-20754
- ABBOTT, J. K.**  
Inhalation toxicology: 1. Design of a small-animal test system. 2. Determination of the relative toxic hazards of 75 aircraft cabin materials  
[AD-A043646] p0011 N78-11681
- ABBOUD, F. M.**  
Influence of central venous pressure upon sinus node responses to arterial baroreflex stimulation in man  
[NASA-CR-155783] p0109 N78-18678  
Influence of low and high pressure baroreceptors on plasma renin activity in humans  
[NASA-CR-155307] p0112 N78-18701
- ABIDIN, B. I.**  
Effect of gamma radiation on intensity of ammonia excretion in albino rats  
p0117 N78-18735
- ABILDSKOV, J. A.**  
Effects of acute hyperkalemia on cardiac excitability  
p0034 A78-15955
- ABISHEVA, Z. S.**  
Dynamics of reflex reactions of arteries and veins during variation of the functional state of vasomotor centers  
p0243 A78-46454
- ABO EL ELA, M. A.**  
A model to quantify reliability of human performance in man-machine systems  
p0132 A78-29487
- ABOLTIN-ABOLINIA, E. V.**  
Respiratory-hemodynamic correlations in individuals of different age  
p0218 A78-42663
- ABRAHAM, R. G.**  
State-of-the-art in adaptable-programmable assembly systems  
[PB-270054/0] p0015 N78-11718
- ABRAMOVA, E. L.**  
Response of neurons of associative nuclei in the thalamus during thermal action on the anterior hypothalamus and the skin  
p0156 A78-34784
- ABRAMOVA, G. M.**  
Hemopoiesis in dogs exposed to lethal doses of protons with shielded bone marrow  
p0116 N78-18728
- ABRAMS, C. F., JR.**  
Hand-arm vibration. III - A distributed parameter dynamic model of the human hand-arm system  
p0153 A78-32781
- ABULADZE, G. V.**  
Cardiac, EEG, and motor components of the unconditioned reaction to acoustic stimulus during wakefulness and slow-wave sleep  
p0104 A78-27669
- ACHKASOVA, Y. N.**  
An experimental study of the ultralow-frequency electromagnetic fields on warmblooded animals and microorganisms  
p0164 N78-22580
- ACKER, H.**  
Measurements of potassium changes in the cat carotid body under hypoxia and hypercapnia  
p0272 A78-49299
- ACKLES, K. W.**  
Protection against the physiological effects of positive pressure breathing  
p0160 A78-36151
- ADAM, M.**  
Research activities of the DFVLR Department of Aviation Psychology concerning the consultancy contract of the Deutsche Lufthansa AG  
[DLR-IB-355-76/01] p0045 N78-13741
- ADAMOVICH, B. A.**  
Radiobiological experiment aboard the biosatellite Cosmos-690  
p0079 A78-21739  
Main stages and prospects of development of space biology and medicine  
p0110 N78-18680  
A study of the pulsed method of laundering  
p0111 N78-18692
- ADAMS, A. J.**  
Influence of socially used drugs on vision and vision performance  
p0094 N78-17663
- ADAMS, W. C.**  
Plasma /Na+/, /Ca++/, and volume shifts and thermoregulation during exercise in man  
p0053 A78-18573  
Fluid-electrolyte shifts and maximal oxygen uptake in man at simulated altitude /2,287 m/  
p0192 A78-36602
- ADEY, W. R.**  
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p0006 A78-10697
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p0269 A78-48682
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[AAS 77-245]  
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[AD-A055533]  
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[PB-272285/8]  
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p0297 A78-52545
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p0129 A78-28725
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[PB-280413/6] p0284 A78-31731
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p0259 A78-47210
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p0177 N78-22686
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p0057 A78-20537
- Study of a new pilotage control  
p0058 A78-20548
- Ultrasonic detection by the Doppler effect of circulating bubbles in humans and animals in altitude  
p0059 A78-20553
- Studies on Pilot Workload  
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p0240 A78-45510
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p0124 N78-19758
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p0270 A78-48760
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p0072 A78-21181
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p0036 A78-16474

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p0125 N78-19762
- BABKINA, L. H.  
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p0106 A78-28122
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p0184 N78-23714
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p0140 A78-32039
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[AD-A046839] p0068 N78-15701
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p0294 A78-51662
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[AD-A044234] p0042 N78-12672
- BAXLEY, J. P.**  
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- The effect of increased monitoring load on vigilance performance using a simulated radar display [AD-A044558] p0041 N78-12669
- A comparison of the vigilance performance of men and women using a simulated radar task [AD-A053674] p0232 N78-27769
- BAINBRIDGE, L.**  
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- BAIOCCO, F.**  
NEXT program for evaluating the patient dosage: First results for some X ray diagnostics installations p0145 N78-20762
- BAKER, B. S.**  
Development of a prototype regeneration carbon dioxide absorber [NASA-CR-152063] p0147 N78-20773
- BAKER, T. L.**  
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- BAKY, A. A.**  
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- BALAKHOVSKII, I. S.**  
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- BALAKHOVSKIY, I. S.**  
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- BALASUBRAHMANIAN, K. W.**  
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- BALASUBRAHMANIAN, V.**  
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- Alterations in left ventricular function in normal man on exposure to high altitude /3658 m/ p0155 A78-34083
- Urinary catecholamine excretion in temporary residents of high altitude p0192 A78-36606
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- BALKWILL, D. L.**  
Release of microorganisms from soil with respect to transmission electron microscopy viewing and plate counts p0003 A78-12124
- BALL, K. P.**  
The cardiovascular fitness of airline pilots - Report of a working party of the Cardiology Committee of the Royal College of Physicians of London p0159 A78-35850
- BALLDIN, U.**  
Preventive effect of a vasodilator on the occurrence of decompression sickness in rabbits p0160 A78-36152
- Medical evaluation of 2-pressure suit used in explosive decompressions up to 20,000 m altitude [FOA-A-59002-H3] p0256 N78-29761
- BALLDIN, U. I.**  
Intracardial gas bubbles at altitude after negative pressure breathing p0017 A78-13264
- Explosive decompression of subjects up to a 20,000-m altitude using a two-pressure flying suit p0140 A78-31844
- BALLIET, R.**  
Egocentric orientation is influenced by trained voluntary cyclorotary eye movements p0294 A78-51856
- BALLO, J. H.**  
Validation of the CALSPAN gross-motion-simulation code with actually occurring injury patterns in aircraft accidents p0075 A78-21714
- BALLOU, E. V.**  
Chemical interpretation of Viking Lander 1 life detection experiment p0099 A78-25560
- BALON, R. W.**  
Linear model for visual-vestibular interaction p0214 A78-41161
- BANCHERO, P. G.**  
Design and construction of the Donner 280-crystal positron ring for dynamic transverse section emission imaging [LBL-5679] p0283 N78-31721
- BANDURSKI, E. L.**  
Ultraviolet-photoproduced organic solids synthesized under simulated Jovian conditions - Molecular analysis p0105 A78-28049
- BANWISTER, E. W.**  
Effects of simulated altitude training on aerobic and anaerobic power p0103 A78-26746
- BANK, H.**  
Bag for storing whole blood [NASA-CASE-WFO-13930-1] p0208 N78-25760
- BANKA, V. S.**  
Relation between the site of origin of ventricular premature complexes and the presence and severity of coronary artery disease p0037 A78-17134
- Quantitative radionuclide angiography in the right anterior oblique view - Comparison with contrast ventriculography p0136 A78-30650
- BANKS, W. W.**  
A preliminary human engineering evaluation of hyperbaric control systems [AD-A044044] p0040 N78-12661
- Safety considerations in human engineering of hyperbaric equipment [AD-A046839] p0068 N78-15701
- BANWISTER, J. R.**  
Aircrew and passenger protective breathing equipment studies [AD-A051002] p0150 N78-21768
- BAR-YISHAY, H.**  
Factors determining maximal expiratory flows in the human lung p0281 N78-31711
- BARBER, J.**  
Biophysics of photosynthesis p0303 A78-53848
- BARBER, P. W.**  
Electromagnetic power deposition in prolate spheroid models of man and animals at resonance p0032 A78-15225
- BARBIZET, J.**  
Neuropsychological approach to the problem of brain control of the mnemonic function p0052 A78-18533
- BARBOUR, H. G.**  
The effect of direct heating and cooling of heat regulation centers on body temperature

- [NASA-TN-75450] p0309 N78-32703
- BARCHAS, J. D.**  
Serotonin involvement in pituitary-adrenal function  
p0267 A78-48575
- BARCROFT, H.**  
The lack of influence of reactive hyperemia on  
exhausting rhythmic or static exercise  
p0102 A78-26745
- BARDHAN, J.**  
Body fluid compartments in rabbits on exposure to  
acute hypobaric hypoxia  
p0215 A78-41163
- Haematologic changes in rabbits during  
acclimatisation, deacclimatisation, and  
reinduction to hypoxia  
p0241 A78-46407
- BARKER, T.**  
Air ions and human performance  
p0195 A78-36677
- BARKHATOVA, V. P.**  
Studies of reactivity of the organism using some  
pharmacological tests  
p0184 N78-23711
- BARLOW, R. H.**  
Annotated bibliography of the Air Force Human  
Resources Laboratory technical reports-1976  
[AD-A051982] p0189 N78-23749
- BARWATSKII, V. H.**  
Prevention of hypertensive states in ship crews  
out at sea  
p0120 N78-18759
- BARNES, G. R.**  
Vision during angular oscillation - The dynamic  
interaction of visual and vestibular mechanisms  
p0078 A78-21732
- Visual-vestibular interaction in the control of  
eye movement  
p0139 A78-31839
- Visual target acquisition and tracking performance  
using a helmet-mounted sight  
p0139 A78-31840
- BARNES, J. A.**  
Human Engineering Laboratory Identification Friend  
or Foe test (HELIFF)  
[AD-A048784] p0121 N78-18768
- Use of eye-movement measures to establish design  
parameters for helicopter instrument panels  
p0286 N78-31748
- BARNES, M. J.**  
Display size and target acquisition performance  
[AD-A054624] p0285 N78-31741
- BARNKOW, H.**  
The measurement of tissue thickness and tissue  
compliance in man  
p0170 N78-22627
- BARON, S.**  
Display analysis with the optimal control model of  
the human operator  
p0003 A78-12448
- Closed loop models for analyzing the effects of  
simulator characteristics  
[AIAA 78-15921] p0291 A78-50667
- BARRY, W. H.**  
Measurement of the human magnetic heart vector  
p0048 A78-17265
- BARTA, E.**  
Resting values of left ventricular work to  
coronary blood flow ratio in rats exposed to  
intermittent high altitude hypoxia and swimming  
p0292 A78-51299
- BARTLEY, H. H.**  
Electrical enhancement of healing in combat  
injuries to hard and soft tissues  
[AD-A055531] p0282 N78-31718
- BASKIN, A. I.**  
The ozone problem associated with technical and  
health considerations in aviation  
p0057 A78-20293
- BASS, B. G.**  
The effects of supranormal concentrations of  
potassium ion and other vasoactive drugs on the  
visual evoked response and regional cerebral  
blood flow in the monkey brain  
p0313 N78-33701
- BASSEMAN, J. A.**  
Potential of arid zone vegetation as a source of  
substrates  
[L9L-7214] p0245 N78-28777
- BASTROVA, L. V.**  
Effect of weightlessness conditions on the somatic  
embryogenesis in the culture of carrot cells  
[NASA-TN-75040] p0008 N78-11662
- BATEJAT, D.**  
A technique for the visual study of aircraft  
instrument panel utilization by the crew  
p0058 A78-20539
- Investigation of pilot behavior in flight  
/Analysis of Japanese studies/  
p0060 A78-20564
- BATENCHUK-TUSKO, T. V.**  
Studies of circulation during LBWP test aboard  
Salyut-4 orbital stations  
p0115 N78-18719
- BATTERTON, D. L.**  
Exercise-induced changes in blood ammonia levels  
in humans  
p0057 A78-20339
- BATUNER, L. S.**  
Metabolic characteristics of rapidly and slowly  
developing fatigue  
p0238 A78-44217
- Metabolic structure of the recovery process  
following various physical stresses  
p0303 A78-53791
- BAUER, H. D.**  
Brightness generation in the human visual system -  
Colour-brightness: A contribution of cortical  
colour channels to brightness sensation  
p0025 A78-14417
- BAUNGARDNER, F. W.**  
Calibration of a new ear oximeter in humans during  
exposure to centrifugation  
p0131 A78-29035
- Preliminary analysis of available inflight  
respiratory data  
[AD-A054241] p0278 N78-30823
- BAWAIN, S. H.**  
Calcium binding in cerebral tissue  
p0168 N78-22612
- BAZEVSKIY, R. H.**  
Main results of medical research conducted during  
the flight of two crews on the Salyut-5 orbital  
station  
p0110 N78-18684
- BAYLINK, D. J.**  
Inhibition of bone formation during space flight  
p0292 A78-51225
- BAZANOV, P.**  
Image of flight article discussed  
p0182 N78-22732
- BAZHIN, E. F.**  
The role of professional and sexual factors in the  
auditory evaluation of emotionally tinged speech  
p0023 A78-13601
- BEARD, H.**  
Knowledge-based adaptive curriculum sequencing for  
CAI: Application of a network representation  
[AD-A047090] p0089 N78-16619
- BEATTY, J.**  
Pupillometric signs of brain activation vary with  
level of cognitive processing  
[AD-A050029] p0149 N78-21757
- Activation and sustained attention: A  
pupillometric study of an auditory vigilance task  
[AD-A050040] p0149 N78-21759
- BEAUGENDERE, J.**  
Deterioration of human performance resulting from  
mechanical vibrations  
p0257 A78-46955
- BEHEWIN, G. G.**  
Results of an investigation of the rotation of a  
man in space  
p0153 A78-33253
- BECKER, E. B.**  
Dynamic response of human and primate head and  
neck to lateral 6g impact statement  
[PB-275448/9] p0146 N78-20770
- BECKER, W.**  
Electrophysiologic properties of alcohol in man  
p0239 A78-45409
- BECKMAN, D. L.**  
Rat lung hyper-reactivity to stress  
p0079 A78-21745
- BEDI, J. P.**  
Hypoxia, smoking history, and exercise  
p0161 A78-36155

- BEEKER,<sup>1</sup> G.  
Radar training facility program implementation plan  
[AD-A050319/3] p0189 N78-23747
- BEER, J.  
Development of a visibility research capability  
[PB-278152/41] p0233 N78-27778
- BEGEMAN, P. C.  
The effect of energy absorbing devices on spinal  
loads resulting from minus G(x) acceleration  
p0181 N78-22717
- BEHL, A.  
Electrical impedance cardiogram in derivation of  
systolic time intervals p0154 A78-34082  
Alterations in left ventricular function in normal  
man on exposure to high altitude /3658 m/  
p0155 A78-34083
- BEJCZY, A. K.  
Effect of hand-based sensors on manipulator  
control performance p0136 A78-30510
- BEKHTEREVA, N. P.  
Bioelectrical expression of the activation of  
long-term memory and possible mechanisms of this  
process p0051 A78-18528
- BELAKOVSKII, M. S.  
Effect of vitamin and amino acid supplements on  
human performance during heavy mental and  
physical work p0298 A78-52638
- BELAN, A. S.  
Mechanics of speech-related respiration while  
performing static physical exercise p0116 N78-18726
- BELAY, V. Y.  
Effect of prolonged hypokinesia on the course of  
acute aseptic inflammation p0119 N78-18747
- BELAYA, N. A.  
Some features of the bioelectric activity of the  
muscles with prolonged hypokinesia  
[NASA-TN-75116] p0225 N78-26727
- BELETSKII, V. V.  
Linear problem of stabilizing biped walk  
p0104 A78-27155
- BELETSKIY, V. V.  
Two-dimensional linear models of two-legged walking  
p0251 N78-29037
- BELFORT, G.  
Virus concentration by hollow fiber membranes:  
Where to now? p0206 N78-25746
- BELIAKOVA, N. I.  
Exchange-endocrine processes p0194 A78-36637
- BELIAVSKII, B. M.  
Response of neurons of associative nuclei in the  
thalamus during thermal action on the anterior  
hypothalamus and the skin p0156 A78-34784
- BELITSKAYA, R. A.  
Carbohydrate and lipid content of rat liver tissue  
following a 22-day space flight p0120 N78-18755
- BELKANIYA, G. S.  
Functional system of antigravity and modeling of  
physiological effects of decreased gravity  
p0199 A78-38755
- BELKANIYA, G. S.  
The hematic system in the set of symptoms of  
autonomic disorders in monkeys on the low  
gravitation stand p0120 N78-18757  
Excitability of neuromuscular system of monkeys  
during orthostatic tests p0177 N78-22685
- BELL, D. G.  
Measurement of heat stress: Kiowa and Musketeer  
cockpits [AD-A046388] p0066 N78-15686
- BELL, J. G.  
A new model of nerve action potential and the  
existence of a pulse solution p0109 N78-18676
- BELL, P. R.  
ORIS: The Oak Ridge Imaging System program listings  
[ORNL/TN-5875-V3] p0283 N78-31722
- BELLET, D.  
A model of blood flows studies p0178 N78-22698
- BELLIVEAU, J. W.  
Calcium transport in Halobacterium halobium  
envelope vesicles p0267 A78-48574
- BELSKIY, A. I.  
Electromagnetic field effects on growth and of  
plants p0187 N78-23732
- BELIAKOV, N. P.  
Studies of reactivity of the organism using some  
pharmacological tests p0184 N78-23711
- BELIAVIN, A. J.  
Operational characteristics of liquid-conditioned  
suits p0242 A78-46415
- BELYTSCHKO, T.  
Theory and application of a three-dimensional  
model of the human spine p0074 A78-21708
- BEN-ARI, H.  
Coliphages survival as viral indicator in various  
wastewater quality effluents p0207 N78-25748
- BENANE, S. G.  
Measurement of microwave radiation absorbed by  
biological systems. I - Analysis of heating and  
cooling data p0080 A78-21877
- BENDER, M.  
Safety helmet-head interaction study using  
high-speed cineradiography [PB-277289] p0209 N78-25772
- BENEVOLENSKAYA, T. V.  
Investigation of possibility of using lower body  
negative pressure test for screening cosmonaut  
candidates p0305 N78-32674
- BENEVOLENSKII, V. A.  
Preliminary results of the Biobloc experiment on  
the Cosmos 782 flight - Effects of cosmic rays  
on brine shrimp eggs and tobacco seeds p0029 A78-15195
- BENOIT, O.  
Study of sleep in shift workers with alternating  
schedules - Adaptation and recovery in the case  
of rapid shift rotation /3-4 days/ p0103 A78-26747
- BENSEL, C. K.  
The effects of layers of cold weather clothing and  
type of liner on the psychomotor performance of  
men [AD-A043835] p0015 N78-11719
- BENSON, A. J.  
Vision during angular oscillation - The dynamic  
interaction of visual and vestibular mechanisms  
p0078 A78-21732  
Coriolis cross-coupling effects - Disorienting and  
nauseogenic or not p0078 A78-21737  
Visual-vestibular interaction in the control of  
eye movement p0139 A78-31839  
Possible mechanisms of motion and space sickness  
p0170 N78-22631
- BENSON, J. B.  
Whole body response of the hybrid 3  
anthropomorphic test device [PB-268702/8] p0008 N78-10708  
Validation studies for head impact injury model  
[PB-272285/8] p0063 N78-14790
- BENTON, R. V.  
Biological effects of high-LET particles on  
corn-seed embryos in the Apollo-Soyuz test  
project - Biostack III experiment p0029 A78-15193
- BENZEL, G.  
Cerebral energy state during or after hypoxia and  
complete or incomplete ischemia p0259 A78-47210
- BERBAUM, K.  
A phantom-motion aftereffect p0034 A78-15947
- BERDIER, W.  
Age-related changes in glycolysis in the rat liver  
during high-altitude acclimatization

- BERDISHEVA, O. P. p0273 A78-49584  
A mathematical model of anaerobic energy metabolism for evaluating the mechanisms of oxygen debt formation
- BEREGOVKIN, A. V. p0105 A78-27713  
Medical observations and investigations p0194 A78-36634  
Effect of space flights on blood circulation and gas exchange during functional loading p0194 A78-36636
- BEREZINA, G. A.  
Optimization of the habitation environment p0021 A78-13577
- BERGDALL, D.  
The false positive stress test - Multivariate analysis of 215 subjects with hemodynamic, angiographic and clinical data p0026 A78-14646
- BERGER, P. A.  
Serotonin involvement in pituitary-adrenal function p0267 A78-48575
- BERGER, R. L.  
Variability of oxygen affinity of normal blood - An automated method of measurement p0259 A78-47209
- BERGHAGE, T. E.  
Gas elimination during a single-stage decompression p0298 A78-52637
- BERGLUND, L. G.  
Indices of thermoregulatory strain for moderate exercise in the heat p0217 A78-42005
- BERGOPFSKY, E. H.  
Beta-receptor influence on lung vasoconstrictor responses to hypoxia and humoral agents p0049 A78-18077
- BERGOT, G. P.  
Airport hygiene and epidemiology p0059 A78-20552
- BERGOT, ME.  
Consequences of noise on the organism - Consideration of the present state of the question p0138 A78-31801
- BERLINER, J. E.  
PIVIB: A computer program for analysis of pilot biodynamic and tracking response to vibration [AD-A052361] p0205 N78-24802
- BERNAUER, E. H.  
Plasma /Na<sup>+</sup>/, /Ca<sup>++</sup>/, and volume shifts and thermoregulation during exercise in man p0053 A78-18573  
Fluid-electrolyte shifts and maximal oxygen uptake in man at simulated altitude /2,287 m/ p0192 A78-36602
- BERNSTEIN, D. H.  
The influence of trace metals in disperse aerosols on the human body burden of trace metals p0224 N78-26720
- BERNTHAL, P. J.  
An analysis of electrodermal reflex activity p0086 N78-16596
- BERRY, G. W.  
Comparison of auditory critical bands measured by loudness summation and acoustic reflexes p0224 N78-26721
- BERRY, M. A.  
Hypertension in the civilian flying population - Significant or not p0080 A78-21748
- BERSHADSKII, B. G.  
Role of baroreceptors in cardiac-rhythm regulation in awake animals p0238 A78-44215
- BERTHOZ, A.  
Visual-vestibular interaction during linear motion p0170 N78-22634
- BES, A.  
Cerebral circulation in weightlessness: Comparison and validation of different methods p0170 N78-22626
- BESCH, E. L.  
Calibration of a new ear oximeter in humans during exposure to centrifugation p0131 A78-29035
- BESKROVNOVA, N. H.  
The adaptation and the loss of adaptation of the myocardium of rats accustomed to hypoxia
- BEVAN, T. p0238 A78-44216  
Biocybernetics experiment: Command and control human factors experimental program [AD-A055666] p0310 N78-32710
- BEVERLEY, K. I.  
Illusory motion in depth - Aftereffect of adaptation to changing size p0155 A78-34336
- BEYER, R.  
Human-factors optimization of displays and control units for pilot and copilot p0289 A78-50267  
A study on pilot's workload in helicopter operation under simulated IMC employing a forward looking sensor p0091 N78-16627  
Flight performance and pilot workload in helicopter flight under simulated IMC employing a forward looking sensor p0223 N78-26055
- BEZHEVETS, A.  
And what is the limit of the minimum p0073 A78-21475
- BHAGAT, P. K.  
The development, maintenance, and mathematical description of tracking behavior in man and the Rhesus Monkey [AD-A043225] p0015 N78-11717
- BICKMAN, L.  
A model of human behavior in a fire emergency [PB-277773/8] p0226 N78-26738
- BIDANI, A.  
Analysis of postcapillary pH changes in blood in vivo after gas exchange p0193 A78-36608
- BIENERT, W. B.  
Jet pump assisted arterial heat pipe [AIAA 78-443] p0158 A78-35622
- BIKOWSKI, J.  
Preliminary design of an accident information Retrieval System (AIRS) [AD-A055590] N78-31952
- BILLINGHAM, J.  
Motion sickness and otolith sensitivity - A pilot study of habituation to linear acceleration p0018 A78-13272  
Learned control of multiple autonomic responses to compensate for the debilitating effects of motion sickness p0047 A78-17220  
The search for extraterrestrial intelligence (SETI) [NASA-SP-419] p0122 N78-18771
- BIRCHER, H.  
The microvibrations of the body, an index for examination stress p0272 A78-49297
- BIRDSALL, T. G.  
Repeated observation of an uncertain signal p0156 A78-34679
- BIRNFELD, H.  
Heat acclimation, physical fitness, and responses to exercise in temperate and hot environments p0050 A78-18079
- BISHOP, V. S.  
Anti-G suit effect on cardiovascular dynamic changes due to +Gz stress p0032 A78-15516
- BJORNTORP, P.  
Carbohydrate, lipid, and amino acid metabolism following physical exercise in man p0236 A78-43793
- BLACK, D.  
The cardiovascular fitness of airline pilots - Report of a working party of the Cardiology Committee of the Royal College of Physicians of London p0159 A78-35850
- BLACK, J. A.  
Measurement of microwave radiation absorbed by biological systems. II - Analysis by Dewar-flask calorimetry p0080 A78-21878
- BLACK, J. H., JR.  
Head rotational spectral characteristics during two-dimensional smooth pursuit tasks p0272 A78-49263
- BLACK, S.  
Cosmic ray effects on the eyes of rats flown on

- Cosmos no. 782, Experiment K-007  
p0078 A78-21736
- BLACKMAN, C. F.**  
Measurement of microwave radiation absorbed by biological systems. I - Analysis of heating and cooling data  
p0080 A78-21877  
Measurement of microwave radiation absorbed by biological systems. II - Analysis by Dewar-flask calorimetry  
p0080 A78-21878
- BLAKE, L.**  
Tachistoscopic perception under head tilt  
p0300 A78-53085
- BLAKE, R.**  
Is binocular vision always monocular  
p0216 A78-41323
- BLAKELY, E.**  
Response of cultured mammalian cells to accelerated krypton particles  
p0029 A78-15196
- BLAKELY, R. L.**  
The effect of various augmented visual feedback techniques on adult skeletal muscle  
p0177 A78-22690
- BLANC, C.-J.**  
Psychotherapy and chemotherapy in aeronautical psychopathology  
p0058 A78-20547
- BLANC, P.**  
Aviator hearing loss  
p0249 A78-28801  
Nose pathology of flying personnel  
p0249 A78-28804  
Practical problems raised by Oto-rhino-laryngology standards  
p0249 A78-28805
- BLANQUET, Y.**  
Preliminary results of the Biobloc experiment on the Cosmos 782 flight - Effects of cosmic rays on brine shrimp eggs and tobacco seeds  
p0029 A78-15195
- BLASCO, A.**  
Cerebral circulation in weightlessness: Comparison and validation of different methods  
p0170 A78-22626
- BLATTEIS, C. H.**  
Hypothalamic thermoregulatory pathways in the rat  
p0033 A78-15517
- BLAYO, H. C.**  
Biological effects of NO, NO<sub>2</sub>, SO<sub>2</sub> and combinations thereof: Acute action on human and rat blood in vitro - Chronic action on the lung and blood of rats due to pollution-level concentrations  
p0036 A78-16474
- BLETHROW, J. G.**  
Passenger flow rates between compartments: Straight-segmented stairways, spiral stairways, and passageways with restricted vision and changes of attitude  
[AD-A051485]  
p0205 A78-24797
- BLOCH, R.**  
On the mechanical properties of the human intervertebral disc  
[AD-A053036]  
p0247 A78-28787
- BLOCHING, S.**  
Assignment of particle tracks to spores of *Bacillus subtilis* on silver chloride detectors  
p0029 A78-15192
- BLOSECZYNSKI, R. H.**  
A psychophysiological study of pilot behavior in conditions of combined activity  
p0022 A78-13589
- BLUNDO, G.**  
Catecholamine excretion in helicopter pilots  
p0019 A78-13507
- BOBROVITSKIY, I. P.**  
Electrolyte content of the myocardium, skeletal muscles and blood of rats during prolonged hypokinesia and readaption  
p0308 A78-32692
- BODENHEIMER, H. H.**  
Relation between the site of origin of ventricular premature complexes and the presence and severity of coronary artery disease  
p0037 A78-17134  
Quantitative radionuclide angiography in the right anterior oblique view - Comparison with contrast ventriculography  
p0136 A78-30650
- BODIN, M. A.**  
The origin of life. I - The pre-biotic era. II - Monomers to polymers  
p0198 A78-38448
- BODROV, V. A.**  
Medical problems of rationalizing the work-rest regimen of astronauts  
p0261 A78-47956  
Principles of engineering psychology involved in optimizing control systems of aircraft and spacecraft  
p0183 A78-23709  
Influence of location of indicators on psychophysiological distinctions of combined activity  
p0184 A78-23716
- BOEHRINGER, H. E.**  
Effect of gravity on lymphocyte activation  
p0267 A78-48604
- BOETTCHER, D. H.**  
Extent of utilization of the Frank-Starling mechanism in conscious dogs  
p0154 A78-33522
- BOGACH, P. G.**  
Effect of constant magnetic field on resting potential, ionic conductivity and neuromuscular transmission in smooth muscles  
p0081 A78-22074
- BOGACHEV, S. K.**  
Aviation ergonomics: Probability methods  
p0243 A78-46573
- BOGDANOV, N. N.**  
Investigation of elementary informational mnemonic fields in the human brain  
p0052 A78-18535
- BOGDASHEVSKII, E. B.**  
Selection and training of cosmonauts for flights in Soyuz spacecraft  
p0193 A78-36628  
Operator activity in a state of continuous wakefulness  
p0262 A78-47969
- BOGOMOLNI, R. A.**  
Illumination-dependent changes in the intrinsic fluorescence of bacteriorhodopsin  
p0267 A78-48578
- BOGOMOLOV, V. V.**  
Medical support of the immediate postflight period following long space missions  
p0118 A78-18741
- BOGOSLOVSKII, M. M.**  
Factor analysis of changes in sleep in the cat following emotional stress  
p0100 A78-26608  
Characteristics of the local temperature of isolated cortex during wakefulness and alternation of sleep stages  
p0107 A78-28449
- BOK, S. H.**  
New microbial growth factor  
p0003 A78-12123
- BOLIS, L.**  
Physiological changes in space travel and the cellular membrane involvement  
p0174 A78-22661
- BOLTON, W. E.**  
Materials safety data sheets: The basis for control of toxic chemicals, volume 2  
[ORNL/TN-5722]  
p0044 A78-13729  
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[ORNL/TN-5721-VOL-1]  
p0044 A78-13730
- BOND, V. F.**  
Visual phenomena induced by relativistic carbon ions with and without Cerenkov radiation  
p0239 A78-45077
- BONDAR, A. T.**  
Laws of reproduction of memory traces in time  
p0071 A78-20844
- BOWDES, L. E.**  
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p0249 A78-28800  
Psychopathology in equilibration in aerospace medicine  
p0249 A78-28802

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- BONHARDT, G.**  
The vibrating environment in transport vehicles:  
A critical bibliographical study [RAE-LIB-TRANS-1917] p0285 N78-31738
- BOTTING, S. L.**  
Effects of hard radiation on the visual pigment rhodopsin p0172 N78-22645
- BOONE, J. O.**  
Use of path models to study a precareer air traffic control training program p0298 A78-52641  
The relationship of predevelopmental 150 training with noncompetitively selected air traffic control trainees to FAA Academy success [AD-A055009] p0312 N78-32722
- BOOTH, F. W.**  
Biochemical adaptations of antigravity muscle fibers to disuse atrophy [NASA-CR-151822] p0275 N78-30796
- BOOZE, C. F.**  
1975 accident experience of civilian pilots with static physical defects p0102 A78-26740  
U.S. fatal general aviation accidents due to cardiovascular incapacitation: 1974-75 p0298 A78-52644
- BOOZE, C. F., JR.**  
Epidemiologic investigation of occupation, age, and exposure in general aviation accidents p0018 A78-13274
- BORDEIANU, A.**  
Circulatory adaptive reactions under hypergravity in normal and cold environments p0030 A78-15203  
The gastrointestinal tract in hypokinetic rats p0267 A78-48587
- BORGIA, J. F.**  
Effects of acute prolonged hypoxia on cardiovascular dynamics in dogs p0033 A78-15518
- BORGSTROM, P.**  
Intracardial gas bubbles at altitude after negative pressure breathing p0017 A78-13264
- BORISEVICH, G. F.**  
Functioning of intramuscular peripheral hearts in the dog under conditions of general hypothermia p0084 A78-24595
- BORLAND, R. G.**  
Pitch and formant analysis of the voice in the investigation of pilot workshop p0287 N78-31750
- BORODKIN, I. S.**  
Investigation of elementary informational mnemonic fields in the human brain p0052 A78-18535
- BORODKINA, A. G.**  
Effect of superhigh intensity constant magnetic fields on morphological composition of peripheral blood p0119 N78-18749
- BORREDDON, P.**  
The determination of biomechanical parameters of the vertebro-muscular axis in man p0058 A78-20544  
Determination of the biomechanical parameters of man's vertebromuscular axis p0174 N78-22666
- BORSECHENKO, V. V.**  
Physiological hygiene studies p0193 A78-36629  
A study of the pulsed method of laundering p0111 N78-18692  
Effect of the combination of dry air heat and cold water treatment on human orthostatic stability p0308 N78-32695
- BORTEYRU, J.-P.**  
Concerning optical correction by contact lenses for private pilots of aircraft and gliders in VFR conditions p0139 A78-31804
- BOSCH, S. J.**  
Information profiles on potential occupational hazards [PB-276678/0] p0180 N78-22712
- BOSSARD, A.**  
Far UV irradiation of model prebiotic atmospheres p0056 A78-19367
- BOSTER, R. A.**  
Empirical model of intracranial pressure and head motion resulting from a vibrating seated rhesus p0076 A78-21720
- BOTVINICK, E. H.**  
Thallium-201 myocardial perfusion scintigraphy for the clinical clarification of normal, abnormal and equivocal electrocardiographic stress tests p0073 A78-21450
- BOUGUES, L.**  
A technique of rapid acclimatization of humans to cold p0132 A78-29297
- BOULTER, J. F.**  
Optical transforms and the 'pincushion grid' illusion p0034 A78-15948
- BOUNAN, H. A.**  
Perimetry of contrast-detection thresholds of moving spatial sine wave patterns. I - The near peripheral visual field /eccentricity 0-8 deg/. II - The far peripheral visual field /eccentricity 0-50 deg/. III - The target extent as a sensitivity controlling parameter. IV - The influence of the mean retinal illuminance p0217 A78-42473
- BOURGOIS, R.**  
The application of in-vivo measurements of bone strain to Spacelab program. Preliminary results p0174 N78-22664
- BOURNE, G. H.**  
The use of nonhuman primates in space [NASA-CP-005] p0008 N78-11663  
The Orbiting Primate Experiment (OPE) p0009 N78-11666  
The rhesus monkey (*Macaca mulatta*) as a flight candidate p0010 N78-11674  
Consideration of other primate species as flight animals p0010 N78-11679
- BOUSQUET, A.**  
A model of blood flows studies p0178 N78-22698
- BOUTELLE, H.**  
Expected effects of weightlessness on cell ultrastructure p0174 N78-22662
- BOUTELIER, C.**  
A technique of rapid acclimatization of humans to cold p0132 A78-29297
- BOUTELIER, CH.**  
Prediction of hypothermia in humans as a function of morphological characteristics and of environmental conditions p0132 A78-29298
- BOVE, A. A.**  
Effect of force environment on regional pulmonary displacements and volumes in dogs p0103 A78-26924
- BOWEN, R. W.**  
Chromatic two-pulse resolution with and without luminance transients p0035 A78-16082
- BOWMAN, B. H.**  
Prediction of head/neck dynamic response of selected military subjects to -G/x/ acceleration p0075 A78-21717  
Study of impact tolerance through free-fall investigations [PB-277537/7] p0234 N78-27780
- BOYD, J. F.**  
Effect of prehatching weightlessness on adult fish behavior in dynamic environments p0139 A78-31841  
Killfish hatching and orientation: Experiment MA-161 p0092 N78-17106
- BOYKIN, E. H.**  
Multichannel electrochemical microbial detection unit p0137 A78-31300
- BOYKIN, W. H., JR.**  
Personalized, electro-kinematic, neuromuscular model of a human forearm

- BRAAK, L. p0077 A78-21726  
Cerebral circulation in weightlessness:  
Comparison and validation of different methods p0170 N78-22626
- BRACKEN, T. D. p0315 N78-33722  
Electrical and biological effects of transmission  
lines: A review  
[BPA-BIO-77-1]
- BRADEN, J. H. p0082 A78-23850  
The effect of varying linear perspective, movement  
parallax, and speed of rotation on perceived  
oscillation of two-dimensional trapezoidal stimuli
- BRADLEY, F. D. p0210 N78-25773  
Publications of the planetary biology program for  
1976: A special bibliography  
[NASA-TM-75017]
- BRADLEY, H. E. p0192 A78-36603  
Lung volumes in man immersed to the neck -  
Dilution and plethysmographic techniques
- BRADLEY, O. D. p0256 N78-29760  
Respirator studies for the Nuclear Regulatory  
Commission. Protection Factors for supplied-air  
respirators  
[LA-7098-PR]
- BRANHACHARI, H. D. p0265 A78-48078  
Hypoxia tolerance in rats in relation to tissue  
glycogen levels
- BRANHACHARI, H. D. p0079 A78-21743  
Effects of 6 hours hypoxic and cold exposure on  
urinary electrolyte and catecholamine excretion
- BRANDON, C. A. p0150 N78-21767  
Dynamic hyperfiltration membranes for  
high-temperature spacecraft wash water recycle  
[NASA-CR-151689]
- BRANDT, R. p0297 A78-52545  
Intracellular pH and bicarbonate concentration in  
human muscle during recovery from exercise
- BRANDT, T. p0170 N78-22633  
Experimental vertigo, ataxia and motion sickness:  
Visual-vestibular interaction on earth and in  
space
- BRANDT, U. p0171 N78-22635  
Vestibular tests during space flight
- BRANDT, W. E., JR. p0318 N78-33742  
Program documentation for the terrain and flight  
dynamics program  
[AD-A056116]
- BRASSEUR, L. A. p0027 A78-15160  
Diagnostic value of history and maximal exercise  
electrocardiography in men and women suspected  
of coronary heart disease
- BRAUN, S. p0130 A78-28872  
Evaluation of congenital heart defects from  
dynamic tracer measurements
- BRAUNWALD, E. p0154 A78-33522  
Extent of utilization of the Frank-Starling  
mechanism in conscious dogs
- BRAVOKOV, M. P. p0238 A78-44215  
Role of baroreceptors in cardiac-rhythm regulation  
in awake animals
- BREEDLOVE, J. p0207 N78-25752  
Automated tracking of the Florida manatee  
(Trichechus manatus)  
[NASA-CR-157040]
- BREGER, A. H. p0084 A78-24249  
Modelling heart structure changes during  
adaptation to large loads
- p0084 A78-24574  
Oscillatory phenomena in the simulation of the  
long-term adaptation of the heart
- p0212 A78-40703  
Simulation of heart structural changes upon  
adaptation to large loads
- BRITHAHER, W. A. p0067 N78-15698  
Cerebral activation and placement of visual displays  
[AD-A046478]
- BRENGELMANN, G. L. p0033 A78-15519  
Altered control of skin blood flow during exercise  
at high internal temperatures
- BREWER, D. S. p0065 N78-15680  
The visually evoked magnetic field of the human  
brain
- BREWER, M. E. p0233 N78-27778  
Development of a visibility research capability  
[PB-278152/4]
- BRESLAV, I. S. p0213 A78-41010  
Analysis of the regulation of human respiration in  
transient and stable periods of muscle activity
- p0302 A78-53790  
Criteria for quantitative evaluation of  
respiratory system responses
- p0116 N78-18725  
Dynamic control of parameters of spacecraft  
atmosphere
- BRETZ, R. E. p0143 N78-20748  
Dynamic behavior of the visual tract
- BREWER, G. p0100 A78-26727  
Effects of high altitude on plasma concentrations  
of testosterone and pituitary gonadotropins in man
- BREWER, J. H. p0028 A78-15183  
Isolation and characterization of omnitherms and  
facultative anaerobes from Cape Canaveral soil  
samples
- BRIANOV, I. I. p0030 A78-15199  
Preliminary results of medical investigations  
during manned flights of the Salyut 4 Orbital  
Station
- p0034 A78-15931  
Cardiovascular response during manned space flights  
[IAP PAPER 77-252]
- p0194 A78-36634  
Medical observations and investigations
- p0194 A78-36635  
Features of statokinetic reactions
- p0194 A78-36642  
Preliminary results of medicobiological studies  
performed during Soyuz-19 and Apollo flights
- BRICAUD, H. p0059 A78-20557  
Asymptomatic coronary double obstruction revealed  
in a 32-year-old pilot by exercise testing on a  
bicycle ergometer
- BRIDGES, K. L. p0252 N78-29729  
Seagrass literature survey  
[AD-A054480]
- BRINGLEB, W. p0171 N78-22641  
Development of the vestibulum of frog embryos and  
larvae on the fast running clinostat
- BRIGELL, H. p0037 A78-17096  
The role of afterimages in visual spatial  
aftereffects
- BRIGHT, C. W. p0181 N78-22721  
A prosthesis coupling  
[NASA-CASE-KSC-11069-1]
- BRILTON, C. A. p0091 N78-16630  
Methods to assess pilot workload and other  
temporal indicators of pilot performance  
effectiveness
- BRINKLEY, H. J. p0157 A78-35104  
Embryonic implantation, dietary intake, and plasma  
GH concentration in pregnant mice exposed to  
hypoxia
- BRIOT, H. p0198 A78-38062  
Robot stereognosis - Application to object  
recognition
- BRISCOE, W. A. p0050 A78-18078  
Potentiation of pulmonary vasoconstrictor response  
with repeated intermittent hypoxia
- BRISZEE, K. E. p0010 N78-11676  
The squirrel monkey as a candidate for space flight
- BROCK, L. p0010 N78-11676  
Preliminary design of an accident Information



- Retrieval System (AIRS)  
[AD-A055590] N78-31952
- BROCK, P. J.  
Plasma  $/Na+/$ ,  $/Ca++/$ , and volume shifts and thermoregulation during exercise in man  
p0053 A78-18573
- BRODA, E.  
The length of the transition period from the reducing to the neutral biosphere  
p0026 A78-14681
- BRODOVSKAYA, Z. I.  
An experimental study of the ultralow-frequency electromagnetic fields on warmblooded animals and microorganisms  
p0164 N78-22580
- BROEZE, R. J.  
The 70 S monosome accumulation and in vitro initiation complex formation by *Escherichia coli* ribosomes at 5 C  
[NASA-CP-157591] p0279 N78-31691
- BRONSHTEYN, A. A.  
Structural and functional organization of the vestibular apparatus in rats subjected to weightlessness for 19.5 days aboard the Kosmos-782 satellite  
[NASA-TN-75529] p0223 N78-26717
- BROOKE, S.  
Compartmentalization in proteinoid microspheres  
p0035 A78-16015
- BROOKS, R. R.  
Water quality monitoring system  
[NASA-CASE-MSC-16778-1] p0165 N78-22589  
Fluid sample collection and distribution system  
[NASA-CASE-MSC-16841-1] p0166 N78-22590
- BROTHERHOOD, J. R.  
Effects of atropine and beta-blockade on temperature regulation and performance during prolonged exercise  
p0154 A78-34081
- BROUILLET, A. O.  
Outfitting for space  
[AIAA PAPER 78-327] p0084 A78-24021
- BROUSSARD, J. R.  
Prediction of pilot-aircraft stability boundaries and performance contours  
p0195 A78-37129
- BROUSSOLLE, B.  
Modifications of pulmonary surfactant under hyperbaric conditions in rats - Role of oxygen and diluting gas under partial pressure  
p0058 A78-20543  
The effect of chronic exposure to pure oxygen at normal pressure in the mucous-ciliary function of air passages  
p0059 A78-20549
- BROUSTET, J. P.  
Asymptomatic coronary double obstruction revealed in a 32-year-old pilot by exercise testing on a bicycle ergometer  
p0059 A78-20557
- BROWER, M. E.  
Growth-rate periodicity of *Streptomyces levis* during space flight  
p0031 A78-15213  
Zone-forming fungi: Experiment MA-147  
p0092 N78-17102
- BROWN, A. H.  
Mutations of sunflower seedling on tilted clinostats  
p0031 A78-15209
- BROWN, B.  
Influence of socially used drugs on vision and vision performance  
p0094 N78-17663
- BROWN, D. J.  
Study of left ventricular wall thickness and dimension changes using echocardiography  
p0137 A78-30725
- BROWN, E. G.  
Application to animals and humans of a continuous monitoring oxygen system  
[PB-276448/8] p0180 N78-22713
- BROWN, E. L.  
Inflight measurement of pilot workload - A panel discussion  
p0161 A78-36158
- BROWN, I. D.  
Dual task methods of assessing work-load  
p0160 A78-35855
- BROWN, J. L.  
A facilitation effect in orientation discrimination  
p0295 A78-51957
- BROWN, J. R.  
An automated saccade analysis system  
p0123 N78-19747
- BROWN, P. A.  
Indomethacin-antihistamine combination for gastric ulceration control  
[NASA-CASE-ARC-11118-1] p0012 N78-11692
- BROWN, P. V. K.  
Effects of repeated microwave irradiations to the albino rabbit eye  
p0168 N78-22615
- BROWN, R. J.  
Biochemical oxygen demand, volume 2. A bibliography with abstracts  
[NTIS/PS-78/0574/0] p0275 N78-30801  
Biochemical oxygen demand, volume 3. A bibliography with abstracts  
[NTIS/PS-78/0575/7] p0276 N78-30802
- BROWNELL, G. L.  
New imaging systems in nuclear medicine  
[COO-3333-30] p0124 N78-19754
- BROYLES, H. P.  
Process for manufacturing cannula  
[NASA-CASE-NPO-14073-1] p0208 N78-25762
- BRUCEWOLFE, V.  
Microwave hyperthermia and visually evoked potentials: Preliminary observations of guinea pigs  
p0166 N78-22596
- BRUCH, J.  
Study of the effects of chronic ozone exposure on animals - Morphological and functional changes  
p0024 A78-14193
- BRUCKER, B. S.  
Learned voluntary control of systolic blood pressure by spinal cord injury patients  
p0229 N78-27745
- BRUE, P.  
Freezing of small animals during hyperbaric exposure - Theoretical and practical considerations  
p0058 A78-20542
- BRULL, M. A.  
A new method for determining the active force system in lower limbs during human locomotion  
p0179 N78-22702
- BRUNLEVE, S. J.  
Vitamins limiting for growth of subjects fed a normal diet under hyperbaric  $Fe-O_2$  conditions  
p0079 A78-21740
- BRUNNER, D.  
The role of exercise in internal medicine  
p0158 A78-35649
- BRUNNIN, P.  
Resting values of left ventricular work to coronary blood flow ratio in rats exposed to intermittent high altitude hypoxia and swimming  
p0292 A78-51299
- BRYAN, A. C.  
Effects of respiration on cardiac performance  
p0192 A78-36604
- BUCCIARELLI, V.  
Real-time compression of ECG data - Technical realization  
p0295 A78-51459
- BUCK, J. R.  
Manual optimization of ill-structured problems  
p0238 A78-44500
- BUCK, L.  
Defining the boundary in a positioning task  
p0037 A78-17124
- BUCKLAND, G. H.  
Effects of platform motion, visual and G-seat factors upon experienced pilot performance, in the flight simulator  
[AD-A055691] p0318 N78-33739
- BUDINGER, T. F.  
Apollo-Soyuz light-flash observations  
p0029 A78-15191  
Light flash observations: Experiment MA-106  
p0091 N78-17100  
Design and construction of the Donner 280-crystal positron ring for dynamic transverse section emission imaging  
[LBL-5679] p0283 N78-31721

- BUECKER, H.**  
Dosimetric and biological results from the  
Bacillus subtilis Biostack experiment within the  
ASTP  
p0267 A78-48598  
A special photoproduct in DNA, UV-irradiated in  
vacuo  
p0268 A78-48623  
Results of radiobiological spaceflight experiments  
p0173 N78-22655
- BUENO DE MESQUITA, A. E.**  
Perimetry of contrast detection thresholds of  
moving spatial sine wave patterns. I - The near  
peripheral visual field /eccentricity 0-8 deg/.  
II - The far peripheral visual field  
/eccentricity 0-50 deg/. III - The target extent  
as a sensitivity controlling parameter. IV - The  
influence of the mean retinal illuminance  
p0217 A78-42473
- BUGAR, K. P.**  
Effect of gamma radiation on intensity of ammonia  
excretion in albino rats  
p0117 N78-18735
- BUIZZA, A.**  
Visual-vestibular interaction during linear motion  
p0170 N78-22634
- BUKHONKIN, A. V.**  
The astronaut in the astronavigation system of  
manned spacecraft  
p0262 A78-47968
- BULLOCK, H. I.**  
Pull force capabilities for parachute ripcord  
release  
[HEMO-33]  
p0312 N78-32723
- BULICHEVA, S. Y.**  
Effect of prolonged weightlessness on metabolism  
of proteins in red and white skeletal muscles of  
rats  
p0175 N78-22671
- BUNT, E. A.**  
Dysfunctioning of the fluid mechanical  
craniospinal systems as revealed by  
stress/strain diagrams  
p0179 N78-22704
- BURATTI, L.**  
Smoking  
p0020 A78-13517
- BURG, A.**  
Development of a visibility research capability  
[PB-278152/4]  
p0233 N78-27778
- BURGESS, H. J.**  
Responses of the frog to angular accelerations in  
weightlessness  
p0171 N78-22640
- BURGESS, H. J.**  
Effects of acute hyperkalemia on cardiac  
excitability  
p0034 A78-15955
- BURK, R. F.**  
The effects of abrupt altitude exposure (4300 m)  
upon the metabolism of glucose-14 C-N1 in man  
[AD-A051764]  
p0247 N78-28785
- BURKE, J. B.**  
Systems analysis of an aeromedical evacuation  
mission  
p0140 A78-31847
- BURKE, J. E.**  
Inflight measurement of pilot workload - A panel  
discussion  
p0161 A78-36158
- BURKE, W. R.**  
Life-sciences research in space  
[ESA-SP-130]  
p0169 N78-22619
- BURKS, D. G.**  
A versatile electromagnetic environmental simulator  
p0048 A78-17530
- BURNAZIAN, A. I.**  
Main stages and prospects of development of space  
biology and medicine  
p0110 N78-18680
- BURNETT, H.**  
Modifications of pulmonary surfactant under  
hyperbaric conditions in rats - Role of oxygen  
and diluting gas under partial pressure  
p0058 A78-20543  
The effect of chronic exposure to pure oxygen at  
normal pressure in the mucous-ciliary function  
of air passages  
p0059 A78-20549
- BURNETT, J. E.**  
Tissue macerating instrument  
[NASA-CASE-LBW-12668-1]  
p0061 N78-14773
- BURNS, E. E.**  
Compression of rehydratable vegetables and cereals  
[NASA-CR-151727]  
p0209 N78-25766
- BURNS, J. T.**  
Regulation of mammalian hibernation  
p0122 N78-19741
- BURNS, R. E.**  
Disposal of radioactive iodine in space  
[NASA-TP-1313]  
p0285 N78-31740
- BURNS, W.**  
Hearing hazard from occupational noise:  
Observations on a population from heavy industry  
[NPL-AC-80]  
p0188 N78-23744
- BURNI, F.**  
The application of in-vivo measurements of bone  
strain to Spacelab program. Preliminary results  
p0174 N78-22664
- BURR, H. J.**  
Cardiorespiratory assessment of  
decongestant-antihistamine effects on  
altitude, Gz, and fatigue tolerances  
[AD-A055089]  
p0310 N78-32707
- BURSE, R.**  
Influence of posture on isometric fatigue  
p0258 A78-47207
- BURTON, G. J.**  
Visual adaptation to patterns containing  
two-dimensional spatial structure  
p0137 A78-30741
- BURTON, L. W.**  
A technique for the in situ spectroscopic analysis  
of sodium concentrations in sweat  
p0063 N78-15669
- BURTON, R. R.**  
Calibration of a new ear oximeter in humans during  
exposure to centrifugation  
p0131 A78-29035
- BUTENKO, R. G.**  
Effect of weightlessness conditions on the somatic  
embryogenesis in the culture of carrot cells  
[NASA-TN-75040]  
p0008 N78-11662
- BUTLER, T. W.**  
Temporal properties of the human visual nervous  
system  
p0037 A78-17097
- BUTURIA, E.**  
Radiographic and biomechanical studies of the  
human spine  
[AD-A049984]  
p0149 N78-21758
- BUYSAN, J. R.**  
Comprehensive study interrelating cardiac function  
and fundamental muscle mechanics  
p0086 N78-16595
- BYCHKOV, V. P.**  
Onboard food rations and a system for providing  
water  
p0193 A78-36630
- BYER, W. L.**  
Nitrosamines  
[PB-280479/7]  
p0284 N78-31727  
Acrylonitrile  
[PB-280478/9]  
p0310 N78-32713
- BYNUM, G. D.**  
Hormonal responses of sedentary and exercising men  
to recurrent heat exposure  
p0265 A78-48084  
Recurrent heat exposure: Effects on hormonal  
responses in resting and exercising men  
[AD-A050539]  
p0231 N78-27761

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- CAELLI, T.**  
Subjective Lorentz transformations and the  
perception of motion  
p0158 A78-35419
- CAELLI, T. M.**  
Implications of spatial summation models for  
processes of contour perception - A geometric  
perspective  
p0221 A78-43183
- CABOON, J. L.**  
Design and construction of the Donner 280-crystal  
positron ring for dynamic transverse section  
emission imaging  
[LBL-5679]  
p0283 N78-31721

- CAILLER, B.  
The determination of biomechanical parameters of  
the vertebro-muscular axis in man p0058 A78-20544  
The use of a primate as an experimental model  
aboard Spacelab p0058 A78-20545  
Determination of the biomechanical parameters of  
man's vertebro-muscular axis p0174 N78-22666
- CALICCHIA, A.  
NEXT program for evaluating the patient dosage:  
First results for some I ray diagnostics  
installations p0145 N78-20762  
Use of thermoluminescence dosimetry for measuring  
the radiation emitted by color TV sets p0145 N78-20763
- CALVIN, H.  
Fermentation and hydrocarbons  
[LEL-7270] p0275 N78-30800
- CASARA, P. C.  
A study of physiologically motivated mathematical  
models for human postural control p0040 N78-12655
- CAMERON, A. G. W.  
Some general principles of planetary quarantine  
leading to an assessment of the limitations to  
growth of micro-organisms on Uranus and Neptune  
p0028 A78-15188
- CAMERON, H. W.  
An annotated bibliography of the literature  
dealing with the physiological correlates of  
cognitive performance  
[AD-A057113] p0317 N78-33733
- CANISA, J.  
Is binocular vision always monocular  
p0216 A78-41323
- CAMPBELL, P. W.  
Optical transforms and the 'pincushion grid'  
illusion p0034 A78-15948
- CAMPBELL, I. T.  
Effects of exercise, altitude, and food on blood  
hormone and metabolite levels p0296 A78-52538
- CAMPORRESI, E.  
The biomedical effects of the hyperbaric environment  
[AD-A047173] p0146 N78-20766
- CANPOSVENUTI, G.  
Technical and scientific aspects of sanitary and  
safety problems in nuclear energy production  
[ISS-P-76/9] p0113 N78-18706
- CANANAU, S.  
Circulatory adaptive reactions under hypergravity  
in normal and cold environments p0030 A78-15203  
The gastrointestinal tract in hypokinetic rats  
p0267 A78-48587
- CANNINGS, R.  
Pitch and formant analysis of the voice in the  
investigation of pilot workshop p0287 N78-31750
- CANNISTERO, S.  
Photodynamic effects induced in man by sensitizers  
and visible radiation p0145 N78-20764
- CANTRELL, J. H., JR.  
High resolution ultrasonic scanning of animal and  
human tissue in-vivo  
[ONL-TM-5934] p0253 N78-29742
- CAPLIN, R. S.  
Microbial load monitor  
[NASA-CR-151623] p0093 N78-17648
- CAPON, A. S.  
Electrical and biological effects of transmission  
lines: A review  
[BPA-BIO-77-1] p0315 N78-33722
- CAPOBALE, R.  
Recruitment in chronic acoustic trauma p0020 A78-13511  
Remarks on tonal threshold and voice  
discrimination during negative acceleration in  
normal subjects and in subjects who have  
undergone endolymphatic-cerebrospinal fluid  
shunt operations p0020 A78-13512
- CARLETON, R. A.  
Mechanisms of hypercapnic pulmonary hypertension
- CARLSON, J. L.  
Transient O2 uptake response at the onset of  
exercise p0004 A78-12525
- CARNACIU, R.  
Circulatory adaptive reactions under hypergravity  
in normal and cold environments p0082 A78-23604
- CARMICHAEL, C. F.  
Microbial exchange: Experiment AR-002  
p0092 N78-17103
- CARPENTER, P. L.  
Evaluation of several methods of establishing  
plant cover by seeding on the roadside  
[PB-278275/3] p0228 N78-27739
- CARPENTER, R. H. S.  
Movements of the eyes p0266 A78-48506
- CARPENTER, R. L.  
Are microwave cataracts thermally caused?  
p0169 N78-22616
- CARR, J. E.  
Behavior therapy and the treatment of flight phobia  
p0266 A78-48086
- CARRE, R.  
Alpha-2-macroglobulin dosage, protamine test, and  
vascular-risk factors detected in civilian and  
military flight personnel p0059 A78-20555  
Electric impedance and mechanical recording,  
cardiovascular investigative methods in air  
medicine p0257 A78-46951  
The influence of tobacco from a medical standpoint  
on French pilots p0094 N78-17660  
Electrical impedance and mechanography, methods of  
cardio-vascular investigation in space  
p0169 N78-22625
- CARRIERO, N. J.  
Physiological correlates of performance in a long  
duration repetitive visual task  
[AD-A043047] p0095 N78-17666  
An annotated bibliography of the literature  
dealing with the physiological correlates of  
cognitive performance  
[AD-A057113] p0317 N78-33733
- CARTER, V. L., JR.  
Occupational hazards of missile operations with  
special regard to the hydrazine propellants  
p0140 A78-31843
- CASABUHL, R.  
Kinetics of gas exchange and ventilation in  
transitions from rest or prior exercise  
p0050 A78-18082
- CASARETT, G. W.  
Biological effects of low levels of radiation  
exposure  
[OR-3490-1072] p0146 N78-20768
- CASEY, R. C.  
Response of terrestrial microorganisms to a  
simulated Martian environment p0301 A78-53624
- CASEY, S. M.  
Cerebral activation and placement of visual displays  
[AD-A046478] p0067 N78-15698
- CASIDA, L. R., JR.  
New microbial growth factor p0003 A78-12123  
Release of microorganisms from soil with respect  
to transmission electron microscopy viewing and  
plate counts p0003 A78-12124  
Survival and reversion of a stable L  
form in soil p0212 A78-40875
- CASNATI, E.  
Primary medium energy exposure standard:  
Comparison between ISS and FIPM p0145 N78-20761
- CASTREN, J.  
Heterophoria - Its influence on stereopsis and the  
importance of cycloplegia in refraction testing  
of pilot applicants p0158 A78-35113
- CATER, J. P.  
Equipment development for automatic anthropometric  
measurements  
[NASA-CR-151723] p0207 N78-25757

- CAVALLI, D.  
Discrete-time pilot model  
[ONERA, TP NO. 1978-60] p0239 A78-45272
- CAVNESS, C.  
Effects of exercise on sleep p0217 A78-42006
- CECCARELLI, P.  
Behavior and the mind p0020 A78-13518
- CHACKO, K. A.  
The effect of increased gravitational stress on bone p0030 A78-15206
- CHADHA, K. S.  
Urinary catecholamine excretion in temporary residents of high altitude p0192 A78-36606
- CHAFFIN, D. B.  
Personalized, electro-kinematic, neuromuscular model of a human forearm p0077 A78-21726
- CHAGOVETS, N. R.  
Metabolic structure of the recovery process following various physical stresses p0303 A78-53791
- CHALK, C. R.  
An assessment of the role of simulators in military tactical flight training. Volume 2: Assessment based on literature survey [AD-A040607] p0096 A78-17672
- CHAMBERLAIN, D. A.  
Noninvasive recording of electrical activity in the PR segment in man p0136 A78-30724
- CHAMBERS, A. B.  
Walking boot assembly [NASA-CASE-ARC-11101-1] p0096 A78-17675
- CHAMBERS, D.  
Binocular detection by normal and stereoblind observers p0299 A78-53082
- CHAMPION, M. C.  
Head and neck mobility of pilots measured at the eye [ARC-R/M-38031] p0062 A78-14781
- CHANDLER, B. F.  
Evaluation of seating and restraint systems and anthropomorphic dummies conducted during fiscal year 1976 [AD-A051691] p0205 A78-24798  
Child restraint systems for civil aircraft [AD-A053565] p0233 A78-27774  
Evaluation of seating and restraint systems and anthropomorphic dummies conducted during fiscal year 1977 [AD-A056905] p0317 A78-33737
- CHANG, K. W.  
Development and testing of an implantable oxygen sensor [PB-269501/3] p0006 A78-10697
- CHANG, S.  
Peptide formation in the prebiotic era - Thermal condensation of glycine in fluctuating clay environments p0215 A78-41220  
Chemical evolution and the origin of life - Bibliography supplement 1976 p0303 A78-53875
- CHAO, H.  
A multiparameter time domain averaging model of the human operator [AD-A054676] p0256 A78-29758
- CHAPMAN, C.  
Effects of exercise, altitude, and food on blood hormone and metabolite levels p0296 A78-52538
- CHAPMAN, D. K.  
Mutations of sunflower seedlings on tilted clinostats p0031 A78-15209
- CHAPPELLE, E. W.  
Rapid, quantitative determination of bacteria in water [NASA-CASE-GSC-12158-1] p0165 A78-22585  
Method and apparatus for continuous measurement of bacterial content of aqueous samples [NASA-CAS3-MSC-16779-1] p0165 A78-22586
- CHARLANG, G.  
Germination-defective mutant of *Neurospora crassa* that responds to siderophores p0217 A78-41823
- CHARRIEU, J. L.  
Alpha-2-macroglobulin dosage, protamine test, and vascular-risk factors detected in civilian and military flight personnel p0059 A78-20555  
The influence of tobacco from a medical standpoint on French pilots p0094 A78-17660
- CHARYA, G. R.  
Flow of micropolar fluid through a constricted channel p0056 A78-19993
- CHASE, E. W.  
Helmet latching and attaching ring [NASA-CASE-XMS-04670] p0097 A78-17678
- CHATELIER, P. R.  
Operator workload assessment model: An evaluation of a VF/VA-V/STOL system p0288 A78-31757
- CHATIGNY, M. A.  
Evidence for propagation of aerobic bacteria in particles suspended in gaseous atmospheres p0027 A78-15181
- CHATTERJEE, A.  
Response of cultured mammalian cells to accelerated krypton particles p0029 A78-15196
- CHAUSEV, V.  
Ventilation and ergometric indices in young individuals afflicted with hypogonadism p0103 A78-27100
- CHAVANCE, M.  
The use of methods of multivariate statistics for the automatic recognition of anomalies in records of background EEG p0052 A78-18537
- CHEIGH, J. S.  
Separation of lymphocytes by electrophoresis under terrestrial conditions and at zero gravity, phase 3 [NASA-CR-151702] p0148 A78-21753
- CHEKANOV, A. I.  
Variation of the corticosteroid composition of the urine under the action of simulated orthostatic stressing under high-g conditions p0073 A78-21373
- CHEKIRDA, I. P.  
Dynamics of cyclic and acyclic locomotion of the Soyuz-18 crew after a 63-day space mission p0118 A78-18740
- CHELKOVA, V. D.  
An experimental study of the ultralow-frequency electromagnetic fields on warmblooded animals and microorganisms p0164 A78-22580
- CHEW, C. T.  
Photochemical synthesis of organic compounds on Jupiter initiated by the photolysis of ammonia p0028 A78-15187
- CHEW, P. H.  
Finite element dynamic structural model of the human thorax for chest impact response and injury studies p0074 A78-21706
- CHEW, W. Y.  
Reactivity of normal airways to short-term exercise p0201 A78-39749
- CHENG, E. H. Y.  
Implantable telemetry system for intracranial pressure monitoring and its application for acetazolamide study p0229 A78-27743
- CHENG, Y. S.  
Particle deposition in bends and repeatedly bifurcating tubes p0086 A78-16592
- CHEKASOV, I. S.  
Biomedical effects of millimeter radio waves p0316 A78-33729
- CHEKRIKOV, I. N.  
Clinical and physiological aspects of the evacuation of the wounded and the sick by air transport p0054 A78-18923
- CHEKRIKOV, G. V.  
Variation of the reactivity of resistive and capacitive organ vessels during adaptation to highland conditions p0219 A78-42666

- CHEERNIAVSKII, I. T.**  
Analog simulation of the movements of an ideal manipulator  
p0266 A78-48511
- CHEERNYAKOV, I. N.**  
Possibility of retaining thermal balance of the human body in an extremely rarefied atmosphere by means of vacuum evaporation of perspiration from the body surface  
p0184 A78-23715  
Evolution of the space suit  
p0280 A78-31695
- CHEERNYSHEVSKAIA, I. A.**  
Pathways for the circulation of pyramidal tract collaterals and their role in the formation of functional system apparatus  
p0136 A78-30400
- CHEERNYY, A. V.**  
The rate of synthesis and decomposition of tissue proteins in hypokinesia and increased muscular activity  
[NASA-TM-75203]  
p0123 A78-19751  
Effect of physical loads on some parameters of lipid and carbohydrate metabolism during hypokinesia  
p0175 A78-22675
- CHESTUKHIN, V. V.**  
Technique for selective catheterization of the heart and great vessels used in biomedical studies of healthy individuals  
p0110 A78-18686  
Parameters of acid-base equilibrium and enzymatic activity of blood in man during brief antiorthostatic hypokinesia  
p0110 A78-18687
- CHEUNG, A. Y.**  
Electric field measurements within biological media  
p0167 A78-22601
- CHEVALERAUD, J.**  
Inaugural lecture at the School of Health Service Application for the Air Force  
p0060 A78-20562  
The visual risk of ethambutol treatment - Aeronautical incidences  
p0132 A78-29296
- CHEVALEBAUD, J. P.**  
Research on visual acuity in color contrast  
p0058 A78-20540  
Two test and dyschromatopsias  
p0060 A78-20559  
Color vision in aviation  
p0248 A78-28794  
Vision at low luminance levels in aviation  
p0248 A78-28795  
Glare and its adverse consequences in aviation  
p0248 A78-28796  
The contribution of electrophysiology  
p0249 A78-28799
- CHEVALIER, P. A.**  
Effect of force environment on regional pulmonary displacements and volumes in dogs  
p0103 A78-26924  
Spatial distribution of pulmonary blood flow in dogs in increased force environments  
p0130 A78-29032  
Effect of gravitational and inertial forces on vertical distribution of pulmonary blood flow  
p0161 A78-36154  
Regional lung expansion at total lung capacity in intact vs. excised canine lungs  
p0297 A78-52539  
Protection of the cardiopulmonary systems against the injurious effects of acceleration  
[AD-A050142]  
p0149 A78-21755
- CHIANTA, M. A.**  
Heat transfer principles in personal protection applications  
p0292 A78-51222
- CHILDS, J. E.**  
Caffeine consumption and target scanning performance  
p0133 A78-29542
- CHILES, W. D.**  
An investigation of time-sharing ability as a factor in complex performance  
p0054 A78-18821  
Effects of lithium carbonate on performance and biomedical functions  
[AD-A044824/1]  
p0066 A78-15685
- Objective methods for developing indices of pilot workload  
[AD-A044556/9]  
p0067 A78-15695
- The effects of altitude and two decongestant-antihistamine preparations on physiological functions and performance  
[AD-A054793]  
p0309 A78-32706
- CHIOU, W. C.**  
Physiological parameters associated with extended helicopter flight missions: An assessment of pupillographic data  
[AD-A052771]  
p0250 A78-28810
- CHISUM, G. T.**  
Prediction of airborne target detection  
p0017 A78-13265
- CHIZHOV, S. V.**  
Onboard food rations and a system for providing water  
p0193 A78-36630  
Hygienic appraisal of water regenerated from diverse fluid-containing waste  
p0176 A78-22679
- CHIZHADZHEV, IV. A.**  
Physics of the nerve impulse  
p0081 A78-23498
- CHLAIDZE, T. I.**  
Experimentally observed magnetic-field effect on electrocardiographic indices  
p0104 A78-27670
- CHORAIAN, O. G.**  
Methodological approach to the analysis of the 'semantic' information in the human EEG  
p0219 A78-42669
- CHOSY, L. W.**  
Regulation of CSP /HCO3-/ during long-term hypoxic hypocapnia in man  
p0103 A78-26923
- CHOU, C. K.**  
Quantitation of microwave biological effects  
p0167 A78-22599
- CHRIST, B. E.**  
Color research for visual displays  
[AD-A043609]  
p0013 A78-11697
- CHRISTMAN, N. J.**  
A human factors taxonomy  
[AD-A043723]  
p0015 A78-11720
- CHU, W.-K.**  
An application of pattern recognition to echocardiography  
p0083 A78-23997
- CHU, Y. E.**  
Volume-restricted freezing of living cells and tissues  
[ORNL/MT-265]  
p0313 A78-33705
- CHUCHULASHVILI, M. A.**  
Cardiac, EEG, and motor components of the unconditioned reaction to acoustic stimulus during wakefulness and slow-wave sleep  
p0104 A78-27669
- CHUDINOV, P. S.**  
Linear problem of stabilizing biped walk  
p0104 A78-27155
- CHUN, K. S.**  
Mathematical model of the vestibuloocular reflex  
p0165 A78-22584
- CHUN, S. P. S.**  
Photocatalytic oxidation of organic compounds on Mars  
p0292 A78-51137
- CHUNG, J. M.**  
Ascending spinal pathways for the somatosympathetic reflex  
p0065 A78-15678
- CHUNG, S.-H.**  
Dynamics of the amphibian middle ear  
p0131 A78-29247
- CHURIN, V. D.**  
Chronotropic reserves of the myocardium  
p0218 A78-42655
- CITOLER, P.**  
Blood gas tension and development of lung damage in mice exposed to oxygen at 1 ATA  
p0133 A78-29559
- CIUPPERDA, K. J.**  
Binocular eye movements during accommodative vergence  
p0211 A78-40579
- CLADER, H. D.**  
Pilot tracking performance as a function of G

- stress and seat back angle  
[AD-A042950] p0006 N78-10695
- CLAESSENS, R.  
Blood volume and body haematocrit of rats native  
to a simulated altitude of 3500 m p0215 A78-41214
- CLARK, B.  
Vestibular-visual interactions in flight simulators  
[NASA-CR-155204] p0006 N78-10692
- CLARK, G. M.  
Frequency discrimination following the selective  
destruction of cochlear inner and outer hair cells  
p0129 A78-28828
- CLARK, J. M.  
Work Capability and physiological effects  
predictive studies. 4: In He-O2 excursions to  
pressures of 400- 800- 1200- and 1600 feet of  
sea water  
[NASA-CR-157571] p0282 N78-31714
- CLARK, K. H.  
End effector device  
[NASA-CASE-MPS-23692-1] p0127 N78-19773  
Pneumatic inflatable end effector  
[NASA-CASE-MPS-23696-1] p0312 N78-32724
- CLARKE, C.  
The cardiovascular fitness of airline pilots -  
Report of a working party of the Cardiology  
Committee of the Royal College of Physicians of  
London p0159 A78-35850
- CLARKSON, P. M.  
The effect of age and activity level on  
fractionated response and reflex time p0143 N78-20746
- CLAUSER, C. E.  
Comparative anthropometry of air standardization  
coordinating committee personnel for equipment  
design: Helmets  
[AD-A052893] p0209 N78-25771
- CLAUZEL, A. M.  
The influence of tobacco from a medical standpoint  
on French pilots p0094 N78-17660
- CLELAND, E. L.  
Bag for storing whole blood  
[NASA-CASE-MPO-13930-1] p0208 N78-25760
- CLEVENSON, S. A.  
Ride quality criteria of multifactor environments  
p0099 A78-24911  
Effect of vibration duration on human discomfort  
[NASA-TP-1283] p0311 N78-32717
- CLICK, R. L.  
Microvascular alterations in hypertension  
p0065 N78-15679
- COATES, G. D.  
An investigation of ride quality rating scales  
[NASA-TP-10641] p0012 N78-11696
- COBB, K.  
Cellular immune response: Experiment MA-031  
p0092 N78-17104
- COCCO, G.  
The kinetocardiogram during the isoproterenol test  
for the assessment of coronary heart disease  
p0055 A78-19130
- COECKELEMBERGH, Y.  
Computer display and manipulation of biological  
molecules p0301 A78-53400
- COGOLI, A.  
Effect of gravity on lymphocyte activation  
p0267 A78-48604
- COREN, C. J.  
Human circadian rhythms in resting and exercise  
pulse rates p0019 A78-13477
- COREN, I.  
The interpretation of the T wave of the  
electrocardiogram p0135 A78-29937
- COREN, M. M.  
Effects of stimulus repetition rate and sensation  
level upon the EEG following response of awake  
human subjects p0224 N78-26722
- CORN, D. L.  
Efficient digitization methods for  
electrocardiograms p0083 A78-23904
- COLE, B. L.  
Visual detection of commencement of aircraft  
takeoff runs p0101 A78-26735
- COLE, F. E.  
A versatile electromagnetic environmental simulator  
p0048 A78-17530
- COLE, J. S.  
Relationship between plasma lipid concentrations  
and coronary artery disease in 496 patients  
p0027 A78-15161
- COLEMAN, C. L.  
Solid-state ultrasonic catheter-tip flowmeter  
[AD-A050963] p0253 N78-29740
- COLEMAN, E. M.  
Two-dimensional echocardiography with a wide angle  
/60 deg/ sector scanner p0001 A78-10498
- COLEMAN, J. R.  
X-ray analysis of biological specimens  
[OR-3490-1341] p0313 N78-33704
- COLIN, J.  
Cabin pressurization and explosive decompression  
p0060 A78-20561  
Electric impedance and mechanical recording,  
cardiovascular investigative methods in air  
medicine p0257 A78-46951  
Electrical impedance and mechanography, methods of  
cardio-vascular investigation in space  
p0169 N78-22625
- COLLINS, W. E.  
Disorientation training in FAA-certificated flight  
and ground schools - A survey p0241 A78-46406  
Spatial disorientation in general aviation accidents  
p0265 A78-48081  
Disorientation training in FAA-certificated flight  
and ground schools: A survey  
[AD-A047718/2] p0126 N78-19768  
Spatial disorientation in general aviation accidents  
[AD-A053230] p0230 N78-27755
- COLOMBO, G. V.  
Water system microbial check valve development  
[NASA-CR-151678] p0181 N78-22719
- COLUCCI, A. V.  
Nitrogen oxides: Current status of knowledge  
[EPRI-BA-668] p0283 N78-31723
- CONSTOCK, P. L.  
Computer implemented grading of flight simulator  
students  
[AIAA 78-1589] p0291 A78-50665
- CONNELLY, E. M.  
Manned system performance as a function of display  
characteristics  
[AD-A045488] p0046 N78-13748  
Research on manned system design using Operator  
Measures and Criteria (OMAC) data  
[AD-A046464] p0067 N78-15697
- CONNOLLY, J. S.  
Ocular hazards of picosecond and repetitive-pulsed  
lasers. Volume 1: Nd YAG laser (1064 nm)  
[AD-A053765] p0230 N78-27758  
Ocular hazards of picosecond and repetitive-pulsed  
lasers. Volume 2: Argon-ion laser (514.5 nm)  
[AD-A053766] p0231 N78-27759
- CONSOLAZIO, C. F.  
The effects of abrupt altitude exposure (4300 m)  
upon the metabolism of glucose-14 C-UI in man  
[AD-A051764] p0247 N78-28785
- CONVERTINO, V. A.  
Plasma /Na<sup>+</sup>/, /Ca<sup>++</sup>/, and volume shifts and  
thermoregulation during exercise in man  
p0053 A78-18573
- COOK, K. J.  
Food and oxygen requirements for growing mice and  
turtles after hypergravitational development  
p0030 A78-15204
- COOKE, J. P.  
Effects of using long breathing hoses upon mask  
pressure p0100 A78-26730  
Effects of long-hose breathing p0101 A78-26731
- COOPER, C.  
Mathematical modeling of the head and neck  
response to -G/x/ impact acceleration /minimum  
articulation requirements/ p0075 A78-21715

- COOPER, G. E.  
A survey of the status of and philosophies  
relating to cockpit warning systems  
[NASA-CR-152071] p0046 N78-13746
- CORAY, K. E.  
Moderator analysis based on subgrouping: Problems  
arising from the use of standardized variables  
[AD-A047892] p0096 N78-17674
- CORBALLIS, M. C.  
Mental rotation under head tilt - Factors  
influencing the location of the subjective  
reference frame p0299 A78-53084  
Tachistoscopic perception under head  
tilt p0300 A78-53085
- CORBE, CH.  
TNO test and dyschromatopsias p0060 A78-20559
- CORBETT, R.  
Cosmic ray effects on the eyes of rats flown on  
Cosmos no. 782, Experiment K-007 p0078 A78-21736
- CORNELL, C. O.  
Quantitative predictions of length in the  
Mueller-Lyer illusion as perceived by the human  
visual system [AD-A055706] p0317 N78-33732
- CORNELL, P. T.  
Detection of an octave band of noise as a function  
of stimulus presentation [AD-A053756] p0231 N78-27760
- CORONEOS, M. J.  
Time course of the cerebral circulatory response  
to metabolic depression p0082 A78-23648
- COSYNS, J.  
Diagnostic value of history and maximal exercise  
electrocardiography in men and women suspected  
of coronary heart disease p0027 A78-15160
- COTHRAN, L. W.  
Cardiovascular studies using the chimpanzee (Pan  
troglodytes) p0010 N78-11672
- COTTLE, W. B.  
Hypoxia, smoking history, and exercise p0161 A78-36155
- COULAN, C. M.  
Some effects of acceleration in man and chimpanzees  
p0009 N78-11668
- COUTANT, C. C.  
Temperature influences on growth of aquatic  
organisms [CONF-770516-9] p0122 N78-19744
- COWAN, R. A.  
Electroencephalographic and galvanic skin  
responses to verbal stimuli [PB-274175/9] p0096 N78-17670
- COWINGS, P. S.  
Combined use of autogenic therapy and biofeedback  
in training effective control of heart rate by  
humans p0047 A78-17218  
Observed differences in learning ability of heart  
rate self-regulation as a function of hypnotic  
susceptibility p0047 A78-17219  
Learned control of multiple autonomic responses to  
compensate for the debilitating effects of  
motion sickness p0047 A78-17220  
Psychosomatic health: Simultaneous control of  
multiple autonomic responses by humans - A  
training method p0047 A78-17221  
A theory on the evolutionary significance of  
psychosomatic disease p0047 A78-17222
- COWSAR, D. R.  
Study of reactive materials for development of new  
protective clothing concepts [AD-A054877] p0279 N78-30826
- COX, R. B.  
Comparison of carotid artery mechanics in the rat,  
rabbit, and dog p0134 A78-29638
- CRAIG, J. D.  
An annotated bibliography of the literature  
dealing with the physiological correlates of  
cognitive performance [AD-A057113] p0317 N78-33733
- CRAIG, P. M.  
A literature review: Problem definition studies  
on selected toxic chemicals. Volume 4:  
Occupational health and safety aspects of the  
fog oils SGP No. 1 and SGP No. 2 and smoke  
screens generated from them [AD-A055903] p0310 N78-32709
- CRAISE, L.  
Biological effects of high-LET particles on  
corn-seed embryos in the Apollo-Soyuz test  
project - Biostack III experiment p0029 A78-15193
- CRAINDALL, E. D.  
Analysis of postcapillary pH changes in blood in  
vivo after gas exchange p0193 A78-36608
- CRANE, C. R.  
Inhalation toxicology: 1. Design of a  
small-animal test system: 2. Determination of  
the relative toxic hazards of 75 aircraft cabin  
materials [AD-A043646] p0011 N78-11681
- CRABPO, J. D.  
Tolerance and cross-tolerance using NO2 and O2. I  
- Toxicology and biochemistry p0130 A78-29030  
Tolerance and cross-tolerance using NO2 and O2. II  
- Pulmonary morphology and morphometry p0130 A78-29031
- CRAWFORD, A. E.  
Simulation of operational equipment with a  
computer-based instructional system - A low cost  
training technology p0153 A78-32678
- CRAWFORD, D. W.  
Analysis of pulsatile, viscous blood flow through  
diseased coronary arteries of man p0035 A78-16013
- CRAWFORD, K. S.  
Simulation of operational equipment with a  
computer-based instructional system - A low cost  
training technology p0153 A78-32678
- CRAWFORD, R. D.  
CSF pH and ventilatory acclimatization to altitude  
p0259 A78-47208
- CREAN, B. W.  
A strategy for the development of training devices  
p0153 A78-32676
- CRÉPEAU, R. L.  
Resolution requirements for slow-scan television  
transmission of X-rays. A test report for the  
remote medical diagnosis system [AD-A047870] p0095 N78-17669
- CRIBORN, C. O.  
Influence of microwaves within the thermal  
intensity range in mice. Weight, rectal  
temperature, respiration, tread mill activity,  
reaction of senses, and learning [FOA-C-54018-H2(H6) 1] p0252 N78-29730
- CRIGLER, J. C.  
Preliminary analysis of available inflight  
respiratory data [AD-A054241] p0278 N78-30823
- CRISWELL, B. S.  
Cellular immune response: Experiment MA-031  
p0092 N78-17104
- CROCKEE, R.  
Trichromatic vision in the cat p0032 A78-15280
- CROCKETT, P. W.  
Night vision and dark adaptation. A bibliography  
with abstracts [NTIS/PS-78/0206/9] p0189 N78-23745  
Toxicity of vinyl chloride. A bibliography with  
abstracts [NTIS/PS-78/0442/0] p0225 N78-26730  
Underwater medicine and physiology, volume 2. A  
bibliography with abstracts [NTIS/PS-78/0414/9] p0232 N78-27767  
Toxicity of gaseous halogenated organic compounds.  
A bibliography with abstracts [NTIS/PS-78/0600/3] p0310 N78-32712
- CROSBY, J. V.  
A reaction time analysis of instrument scanning  
p0272 A78-49275

## D

- Cognitive pretraining: An aid in the transition from instrument flying  
[AD-A048816] p0126 N78-19770
- CROSS, C. E.  
Physiological evaluation of pulmonary dilutional and enzymatic activity on blood-borne catecholamines in cardiocirculatory performance p0055 A78-19132
- CRYSTAL, G. J.  
The effect of acute arterial hypoxia on the parameters of O<sub>2</sub> supply and demand in the resting gracilis muscle of the anesthetized dog p0085 N78-16589
- CUDDEBACK, J. K.  
Investigation of a new cardiac arrhythmia monitoring scheme p0187 N78-23733
- CUDDIHY, E. F.  
Process for manufacturing cannula [NASA-CASE-NPO-14073-1] p0208 N78-25762
- CUMMING, H. J.  
Effect of carbon monoxide and nitrogen dioxide on ICR mice p0081 A78-22494  
Studies with the USP/NASA toxicity screening test method - Oxygen concentrations with various test conditions p0081 A78-22496
- CUMMINGS, G. D.  
The interaction between the utricles and the semicircular canals during eccentric rotation p0314 N78-33714
- CUMMINS, J.  
Alterations in erythrocyte survival parameters in rats after 19.5 days aboard Cosmos 782 p0079 A78-21744
- CUNNINGHAM, D. A.  
Relationship between maximal oxygen uptake and left ventricular function in exercise p0082 A78-23601  
Reliability of noninvasive methods for measuring cardiac function in exercise p0082 A78-23602
- CURRY, R. E.  
A design procedure for control/display systems p0003 A78-12447  
Some new control theoretic models for human operator display monitoring p0019 A78-13446  
Detection by pilots of system failures during instrument landings p0049 A78-17740  
Perseveration effects in detection tasks with correlated decision inter- p0083 A78-23999
- CURTIN, J. G.  
Manual control in target tracking tasks as a function of control type task loading and vibration [AD-A043903] p0042 N78-12671
- CUTTS, J. A.  
Photocatalytic oxidation of organic compounds on Mars p0292 A78-51137
- CVETKOVIC, V. S.  
Biped stability considerations with vestibular models p0083 A78-23882
- CYGNAROWICZ, T. A.  
Design of a blood-freezing system for leukemia research [NASA-TP-1165] p0109 N78-18673
- CYMERMAN, A.  
Mechanism of the attenuated cardiac response to beta-adrenergic stimulation in chronic hypoxia p0191 A78-36601  
Mechanism of the attenuated cardiac response to beta-adrenergic stimulation in chronic hypoxia [AD-A050147] p0231 N78-27762  
Perception of effort during constant work to self-imposed exhaustion [AD-A051275] p0246 N78-28782
- CYRUS, M. L.  
Buffet simulation for advanced simulator for pilot training ASPT [AD-A040550] p0096 N78-17673
- DA LUZ, P. L.  
Noninvasive analysis of regional myocardial wall motion Cardiokymography p0055 A78-19147
- DAEMEN, F. J. M.  
Effects of hard radiation on the visual pigment rhodopsin p0172 N78-22645
- DAGANI, F.  
Cerebral energy state during or after hypoxia and complete or incomplete ischemia p0259 A78-47210
- DAHL, R. H.  
Cellular glutathione is a key to the oxygen effect in radiation damage p0099 A78-25561
- DAIGLE, R. E.  
Transcutaneous measurement of volume blood flow [NASA-CR-155233] p0012 N78-11691
- DAILEY, J. T.  
Development of new selection tests for air traffic controllers [AD-A049049] p0181 N78-22716
- DALLMAN, M. F.  
Hormonal indices of tolerance to +Gz acceleration in female subjects p0215 A78-41162
- DALY, M. DE B.  
Cardiovascular-respiratory reflex interactions between carotid bodies and upper-airways receptors in the monkey p0134 A78-29639
- DANELIO, R.  
Current status of immunotherapy. I - Immunosuppressive therapy p0020 A78-13513
- DANERON, D. H.  
Diagnostic improvements in medical ultrasonic imaging systems p0281 N78-31710
- DANKOT, D. K.  
Survey of pilots' attitudes and opinions about drinking and flying p0101 A78-26734
- DANOS, D. L.  
Residual attention as a predictor of pilot performance p0272 A78-49274
- DANCER, A.  
Transmission of impulse noise to the inner ear in the guinea pig by the recording of the intracochlear pressure. Evaluation of phenomena leading to injuries [ISL-R-103/77] p0148 N78-21749  
Pressure measurements in the cochlea of a guinea pig [ISL-CO-206/77] p0183 N78-23707
- DANELIUC, E.  
Circulatory adaptive reactions under hypergravity in normal and cold environments p0030 A78-15203
- DANGELO, E.  
Breathing pattern in men during inspiratory elastic loads p0302 A78-53712
- DANIAROV, S. B.  
Resistance of the myocardium to loads under high-altitude conditions p0218 A78-42658  
Variation of the reactivity of resistive and capacitive organ vessels during adaptation to highland conditions p0219 A78-42666
- DANSBY, M. R.  
Behavioral and physiological correlates of varying noise environments: Annotated bibliography [PB-267565/0] p0007 N78-10698  
Behavioral and physiological correlates of varying noise environments [PB-271713/0] p0046 N78-13745
- DANTINO, E.  
Phobic syndromes and in-flight errors: Their relation to predisposing or determining psychological factors - Clinical studies p0020 A78-13510
- DARDEN, E. B., JR.  
Radiobiological aspects of high altitude flight:



- Relative biological effectiveness of fast neutrons in suppressing immune capacity to an infective agent  
[AD-A053204] p0230 N78-27756
- DARRIGO, J. S.  
Relationship between CO<sub>2</sub> levels and decompression sickness - Implications for disease prevention  
p0100 A78-26726
- DASLER, A. R.  
Heat stress, work function and physiological heat exposure limits in man  
[AD-A050008] p0146 N78-20767
- DAUBERK, T. P.  
Sleep stage classification using beat-by-beat heart rate data  
p0086 N78-16591  
Sleep wakefulness determinations from heart rate data, volume 3  
[AD-A045817] p0113 N78-18703
- DAUGHERTY, J. P.  
Optimization of the material for construction of the new protective mask  
[AD-A053311] p0209 N78-25769
- DAUNTON, W. G.  
Sensory components of bite-force response in the rat  
p0294 A78-51875
- DAVENPORT, M. J. G.  
Cardiovascular function during a reaction time task and mental arithmetic  
p0246 N78-28778
- DAVIDOVSKA, T. L.  
Effect of constant magnetic field on resting potential, ionic conductivity and neuromuscular transmission in smooth muscles  
p0081 A78-22074
- DAVIES, C. T. H.  
Effects of atropine and beta-blockade on temperature regulation and performance during prolonged exercise  
p0154 A78-34081  
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p0259 A78-47492
- DAVIES, D. G.  
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p0140 A78-32040
- DAVIS, A. W., JR.  
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[AD-A044824/1] p0066 N78-15685  
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[AD-A055089] p0310 N78-32707
- DAVIS, D.  
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p0011 N78-11683
- DAVIS, G. H.  
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p0082 A78-23602
- DAVIS, J.  
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p0055 A78-19145
- DAVIS, L. H.  
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[PB-276678/0] p0180 N78-22712
- DAVIDOV, B. I.  
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p0036 A78-16794  
Organism reactions to hypoxia following exposure to gamma radiation  
p0119 N78-18750
- DAWS, T. A.  
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[AD-A051764] p0247 N78-28785
- DAWSON, C. A.  
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p0141 A78-32325
- DAY, H.  
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p0027 A78-15179
- DAY, R. H.  
Absence of color-selectivity in Duncker-type induced visual movement  
p0032 A78-15403  
Induced visual movement as nonveridical resolution of displacement ambiguity  
p0131 A78-29275
- DAYAN, J.  
Evaluation of congenital heart defects from dynamic tracer measurements  
p0130 A78-28872
- DAYHOFF, M. O.  
Origins of prokaryotes, eukaryotes, mitochondria, and chloroplasts  
p0080 A78-21874
- DE LESDAIN, F.  
Effect of a psychostimulant on the behavior of pilot trainees during training in a flight simulator  
p0059 A78-20556
- DE MONASTERIO, P. M.  
Responses of macaque ganglion cells to far violet lights  
p0025 A78-14412
- DE WAARD, J.  
Choosing ESA's first astronaut  
p0240 A78-45885
- DEBAKEY, M. E.  
Relationship between plasma lipid concentrations and coronary artery disease in 496 patients  
p0027 A78-15161
- DEBOER, B.  
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p0079 A78-21740
- DEBOER, L.  
Evaluation of thallium-201 scanning for detection of latent coronary artery disease  
[NASA-CR-151662] p0144 N78-20756
- DEBONIS, J. H.  
Visual Workload of the copilot/navigator during terrain flight  
p0090 N78-16623
- DEBOURWE, H. W. G.  
The Orbiting Primate Experiment (OPE)  
p0009 N78-11666  
The rhesus monkey (*Macaca mulatta*) as a flight candidate  
p0010 N78-11674
- DECELLE, J. G.  
Microbial exchange: Experiment AR-002  
p0092 N78-17103
- DECORDO, J. J.  
Evaluation of an electrochemical detector for trace concentrations of hydrazine compounds in air  
[AD-A054636] p0250 N78-28811
- DEFIELD, J. G.  
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[NASA-TP-1313] p0285 N78-31740
- DEGTIAREV, V. A.  
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p0030 A78-15199  
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[IAP PAPER 77-252] p0034 A78-15931
- DEGTIAREV, V. A.  
Main results of medical research conducted during the flight of two crews on the Salyut-5 orbital station  
p0110 N78-18684  
Studies of circulation during LBNP test aboard Salyut-4 orbital stations  
p0115 N78-18719
- DEI CAS, L.  
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p0220 A78-42925
- DEIS, B. C.  
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[NASA-CASE-LAR-12259-1] p0121 N78-18762

- DEIVANAYAGAN, S.  
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based on engineering anthropometry  
[AD-A048458] p0122 N78-18769
- DEJOURS, C.  
A technique for the visual study of aircraft  
instrument panel utilization by the crew  
p0058 A78-20539
- DELAHAYE, R. P.  
Presentations on aerospace medicine at Bourget  
p0132 A78-29300
- DELAPLAINE, R. W.  
Sweat collection capsule  
[NASA-CASE-ARC-11031-1] p0181 N78-22720
- DELESCLUSE, A.  
A study of humoral immunity - /Immunoglobulines  
IgA, IgG, and IgM/ in the navigation personnel  
of a civil aviation society as a function of age  
and the frequency of certain vaccinations  
p0059 A78-20551
- DELIO, D. J.  
Metabolic and cardiovascular adjustment to arm  
training  
p0236 A78-43791
- DELPOUX, M.  
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the Cosmos 782 flight - Effects of cosmic rays  
on brine shrimp eggs and tobacco seeds  
p0029 A78-15195
- DEMAIO, J.  
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p0272 A78-49275
- DEMANSS, J. L.  
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dealing with the physiological correlates of  
cognitive performance  
[AD-A057113] p0317 N78-33733
- DEMAREE, R. G.  
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arising from the use of standardized variables  
[AD-A047892] p0096 N78-17674
- DEMARIA, A. W.  
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p0197 A78-38053
- DEMBO, A. G.  
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healthy young persons  
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- DEMCHEKHO, I. T.  
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the vascular mechanisms of the brain  
p0270 A78-48759
- DEMCHEKHO, S. I.  
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- DEMEESTERE, M.  
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environmental factors  
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- DEMELLO, V.  
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vectorcardiographic analysis  
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- DEMENTEV, E. V.  
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three-stage setup  
p0263 A78-47971
- DEIDOV, G. A.  
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health considerations in aviation  
p0057 A78-20293
- DEMING, J.  
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water  
[NASA-CASE-GSC-12158-1] p0165 N78-22585
- DEMOLDER, V.  
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strain to Spacelab program. Preliminary results  
p0174 N78-22664
- DEMPSEY, J. A.  
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hypocapnia in man  
p0103 A78-26923
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adaptation to chronic hypoxia  
p0192 A78-36607
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[AD-A049857] p0246 N78-28783
- DEMPSEY, T. K.  
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p0099 A78-24911
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cockpit evaluation  
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beta-adrenergic stimulation in chronic hypoxia  
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- DEPALMA, V. A.  
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with blood  
[PB-277928/8] p0225 N78-26732
- DERNHO, S. E.  
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positron ring for dynamic transverse section  
emission imaging  
[LBL-5679] p0283 N78-31721
- DEROSA, M. I.  
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functions by the automated breathing metabolic  
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[PB-278544/2] p0230 N78-27757
- DESENA, B. J.  
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- DESHMUKH, V. D.  
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to metabolic depression  
p0082 A78-23648
- DESILVA, R. A.  
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premature complexes  
p0196 A78-37175
- DESTIEGHER, D.  
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equipment studies  
[AD-A051002] p0150 N78-21768
- DESTATOV, V. P.  
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oscillations on the human organism  
p0164 N78-22579
- DETRY, J.-M. R.  
Diagnostic value of history and maximal exercise  
electrocardiography in men and women suspected  
of coronary heart disease  
p0027 A78-15160
- DEVINCENZI, D. L.  
Effect of sterilization on the scientific value of  
a returned Mars soil sample  
p0027 A78-15178
- DEVISHVILI, V. M.  
Functional structure and evaluation criteria of  
instrumental space operations  
p0023 A78-13600
- DIAMOND, G. A.  
Noninvasive analysis of regional myocardial wall  
motion Cardiokymography  
p0055 A78-19147
- DIAMOND, L. B.  
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transitions from rest or prior exercise  
p0050 A78-18082
- DIANA, J. M.  
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resistance in the spontaneously hypertensive rat  
p0154 A78-33525
- DIAZ, F. J.  
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standing positions  
p0297 A78-52541
- DIBNER, R. D.  
Phase structure of the diastole of trained heart  
p0218 A78-42656

- DICHGANS, J.  
The angle of visual roll motion determines displacement of subjective visual vertical  
p0056 A78-19975  
Optically induced self-motion perception  
p0170 N78-22632
- DICKERSON, R. E.  
Chemical evolution and the origin of life  
p0260 A78-47845
- DICKINSON, R. G.  
Absence of color-selectivity in Duncker-type induced visual movement  
p0032 A78-15403
- DIDENKO, V. P.  
A method for recording transient processes in the cardiac rhythm and its implementation  
p0237 A78-44094
- DISTLEIN, L. F.  
Summary of past findings in biomedical research accumulated during Apollo and Skylab missions  
p0169 N78-22620
- DIGO, E. J.  
The place of psychology and psychiatry in the medical evaluation of navigation personnel in civil aviation - Methodological and practical aspects  
p0058 A78-20546
- DILL, W. P.  
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[NASA-CASE-MSC-16777-1]  
p0165 N78-22588
- DILLE, J. R.  
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p0102 A78-26740
- DIORETO, P.  
NEXT program for evaluating the patient dosage: First results for some X ray diagnostics installations  
p0145 N78-20762
- DIMITROV, D.  
Ventilation and ergometric indices in young individuals afflicted with hypogonadism  
p0103 A78-27100
- DINHICK, R. L.  
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p0027 A78-15181
- DINER, D. B.  
Hysteresis in human binocular fusion: A second look  
p0314 N78-33711
- DINHAGL, K.  
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p0024 A78-14196
- DITTHAR, A.  
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[ONERA, TP NO. 1978-35]  
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- DJAHANGUIRI, B.  
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[NASA-TN-75341]  
p0305 N78-32668
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- DMITRIYEVA, N. N.  
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[NASA-TN-75040]  
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[AD-A047838]  
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- DODGE, C. H.  
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- DOERFEL, G.  
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p0296 A78-52497
- DOERSCHUK, P.  
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p0083 A78-23881
- DOLA, T. J.  
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[AD-A054807]  
p0276 N78-30811
- DOLCE, G.  
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[RAE-LIB-TRANS-1906]  
p0187 N78-23736
- DOLGUSHINA, A. D.  
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p0214 A78-41014
- DOLKAS, C. B.  
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p0053 A78-18574
- DOLY, H.  
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p0172 N78-22644
- DOMASHUK, Y.  
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p0117 N78-18737
- DOMASZUK, J.  
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p0106 A78-28320  
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p0259 A78-47482
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p0306 N78-32676
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p0174 N78-22664
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p0169 N78-22616
- DONTAS, S.  
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[NASA-TN-75443]  
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- DOROSHENKO, I. Y.  
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p0184 N78-23716
- DOROSHEV, V. G.  
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- DOSE, K.  
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p0268 A78-48623
- DOUGHERTY, J. M.  
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[ORNL/TN-5875-V3]  
p0283 N78-31722
- DOUGLAS, D. D.  
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[LA-OR-78-119]  
p0312 N78-32725
- DOUGLAS, W. E.  
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p0215 A78-41165

- DOWD, P. J.**  
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p0160 A78-36153
- DOYLE, J. T.**  
The orthogonal electrocardiogram in normal women - Implications of sex differences in diagnostic electrocardiography  
p0057 A78-20362
- DRAGONIR, C. T.**  
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p0267 A78-48587
- DRAKE, F. D.**  
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p0036 A78-16766
- DRAKE, S. H.**  
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p0083 A78-23855
- DRENNEN, T. G.**  
Manual control in target tracking tasks as a function of control type task loading and vibration [AD-A043903]  
p0042 N78-12671
- DREW, R. T.**  
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p0130 A78-29030
- DRIGGERS, G. W.**  
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p0047 A78-17192
- DROZDOVA, V. I.**  
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p0295 A78-51997
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- DUBININ, N. P.**  
Some pressing problems of genetics  
p0280 N78-31699
- DUCAO, A. S.**  
Jet pump assisted arterial heat pipe [AIAA 78-443]  
p0158 A78-35622
- DUDAREV, V. P.**  
Resistance to hyperbaric oxygenation and factors affecting it  
p0126 N78-19767
- DUDETSKIY, V. I.**  
Histochemical study of digestive organs of rats following flight on Kosmos-605  
p0115 N78-18722
- DUDETSKIY, V. I.**  
Histochemical study of digestive organs of rats involved in space flight on the Kosmos-690 satellite  
p0306 N78-32681
- DUFFAUT, M.**  
Crises of maladaptation in confirmed pilots  
p0258 A78-46959
- DUKHIEVA, L. I.**  
Significance of supraspinal mechanisms in adaptive responses of the cardiovascular system during postural change  
p0218 A78-42661
- DUMANSKIY, Y. D.**  
Effects of low-frequency (50 Hz) electromagnetic field on functional state of the human body  
p0186 N78-23725
- DUNAEVA, L. P.**  
Interrelationship of catecholamines and corticosteroids during muscle fatigue  
p0156 A78-34785
- DUNGAN, W. O., JR.**  
Depth perception and motion cues via textured scenes [AIAA 78-1577]  
p0290 A78-50658
- DUNN, C. D. R.**  
Effect of dehydration on erythropoiesis in mice - Relevance to the 'anemia' of space flight  
p0242 A78-46414
- DUNN, R. A.**  
The orthogonal electrocardiogram in normal women - Implications of sex differences in diagnostic electrocardiography  
p0057 A78-20362
- DUNNE, M. J., JR.**  
Validation of the CALSPAN gross-motion-simulation code with actually occurring injury patterns in aircraft accidents  
p0075 A78-21714
- DUPUIS, H.**  
Human response to vibration under different conditions  
p0174 N78-22665
- DURKIN, P. R.**  
Information profiles on potential occupational hazards [PB-276678/0]  
p0180 N78-22712
- DURNOVA, G. N.**  
Development of radiation lesions to the rat heart during a space flight (experimental morphological study)  
p0307 N78-32690
- DUROSOIR, J. L.**  
The influence of tobacco from a medical standpoint on French pilots  
p0094 N78-17660
- DUROVA, S. I.**  
Age-related changes in glycolysis in the rat liver during high-altitude acclimatization  
p0273 A78-49584
- DYSON, C. V.**  
Gas elimination during a single-stage decompression  
p0298 A78-52637
- DZEDZICHEN, V. P.**  
Physiological hygiene studies  
p0193 A78-36629
- DZEDZICHEN, V. P.**  
Effects on the human body of complex tests simulating flight conditions on the Salyut-4 spacecraft  
p0176 N78-22682

## E

- EATON, R. P.**  
Reduced triglyceride secretion - A metabolic consequence of chronic exercise  
p0134 A78-29637
- ECHALLIER, J. F.**  
Error-correcting mechanisms in large saccades  
p0212 A78-40580
- ECKBERG, D. L.**  
Influence of central venous pressure upon sinus node responses to arterial baroreflex stimulation in man [NASA-CR-155783]  
p0109 N78-18678
- EDDY, W. C.**  
Nonlinear biomechanical model of the cervical-thoracic transregional joint [AD-A052068]  
p0188 N78-23740
- EDELHAW, P.**  
A model of human behavior in a fire emergency [PB-277773/8]  
p0226 N78-26738
- EDWARDS, B. F.**  
Chronic acceleration in plants  
p0031 A78-15208
- EDWARDS, M. J.**  
Effect of exercise on pre- and postcapillary resistance in the spontaneously hypertensive rat

- EDWARDS, R. J. p0154 A78-33525  
Intravascular volume and tonicity as factors in the regulation of body temperature
- EDWARDS, W. P. p0082 A78-23603  
Change in average absorbed dose rate of a group of mice under repeated exposure to 915 MHz microwave radiation
- EFIMOV, V. I. p0167 N78-22606  
Radiation protection for Soyuz crews
- EGBERT, D. E. p0193 A78-36631  
Predictions of thermal transients and thermal damage resulting from laser irradiation of tissue
- Ocular hazards of picosecond and repetitive-pulsed lasers. Volume 1: Nd YAG laser (1064 nm) [AD-A053765] p0199 A78-38787
- Ocular hazards of picosecond and repetitive-pulsed lasers. Volume 2: Argon-ion laser (514.5 nm) [AD-A053766] p0230 N78-27758
- Corneal damage thresholds for infrared laser exposure: Empirical data, model predictions, and safety standards [AD-A049986] p0231 N78-27759
- EGGENHEIMER, P. T. p0253 N78-29739  
A strategy for the development of training devices
- EGGLESTON, R. G. p0153 A78-32676  
Perceived magnitudes of distortion, secondary imaging, and rainbowing in aircraft windshields
- EGOROV, A. D. p0272 A78-49272  
Preliminary results of medical investigations during manned flights of the Salyut 4 Orbital Station
- Cardiovascular response during manned space flights [IAF PAPER 77-252] p0030 A78-15199
- Medical monitoring and prognosis of cosmonauts during flight p0034 A78-15931
- Preliminary results of medicobiological studies performed during Soyuz-19 and Apollo flights p0193 A78-36632
- EGOROV, B. B. p0194 A78-36642  
Preliminary results of medical investigations during manned flights of the Salyut 4 Orbital Station
- Preliminary results of medicobiological studies performed during Soyuz-19 and Apollo flights p0030 A78-15199
- EGOROV, I. A. p0194 A78-36642  
DNA content in the lymph organs of rats during adaptation to hypoxia
- Porphyrins and phycobilins in Precambrian rocks p0051 A78-18524
- Abiogenic synthesis of molecular complexes from amino acids and porphyrins discussed in reference to the problem of prebiological evolution p0138 A78-31382
- Phycobilins of blue-green algae in connection with the problem of the origin and evolution of life on earth p0154 A78-33895
- EBERHARDT, K. p0237 A78-44018  
Functional evidence of efferent nerve endings in the human inner ear
- EBERT, C. P. p0300 A78-53393  
Circadian dyschronism and chronotypic ecophilia as factors in aging and longevity [CONF-770412-1] p0044 N78-13731
- EBISAWA, A. A. p0220 A78-42847  
Rapid changes in left ventricular dimensions and mass in response to physical conditioning and deconditioning
- EICHLER, V. B. p0092 N78-17106  
Killfish hatching and orientation: Experiment 7A-161
- EISELE, J. E. p0154 A78-33525  
The isolation of minimum sets of visual image cues
- sufficient for spatial orientation during aircraft landing approaches [AD-A046369] p0068 N78-15700
- EISLER, B. p0311 N78-32715  
Annotated bibliography on biological effects of metals in aquatic environments, 3d [PB-280953/1]
- EKANGER, R. p0265 A78-48079  
Performance, mood, and clinical symptoms in men exposed to prolonged, severe physical work and sleep deprivation
- EKBLAD, S. S. p0092 N78-17103  
Microbial exchange: Experiment AR-002
- EKNOW, L. p0252 N78-29731  
Milk secretion of Zn-65 in the goat after oral intake of radiozinc [FOA-C-40069-A3]
- Metabolism of 181W-labeled sodium tungstate in goats [FOA-C-40070-A3] p0252 N78-29732
- ELISEEV, A. S. p0021 A78-13578  
The task of a cosmonaut in operating spacecraft
- ELLESTAD, M. H. p0026 A78-14646  
The false positive stress test - Multivariate analysis of 215 subjects with hemodynamic, angiographic and clinical data
- Predictive implications of ventricular premature contractions associated with treadmill stress testing p0050 A78-18450
- ELLIOTT, P. R. p0102 A78-26738  
Comparison of exercise responses of males and females during acute exposure to hypobaria
- A comparison of exercise responses of males and females during acute exposure to hypobaria p0039 N78-12652
- A comparison of exercise responses of males and females during acute exposure to hypobaria [AD-A045383] p0095 N78-17668
- ELLIS, M. C. p0201 A78-39673  
Breathing effects of a parachute harness secured over an inflated lifejacket
- ELWORTH, C. L. p0127 N78-19774  
Windshield quality and pilot performance [AD-A048457]
- EM, V. S. p0104 A78-27572  
Hierarchic multilevel system for the control of some physiological functions
- EMANUEL, R. W. p0159 A78-35850  
The cardiovascular fitness of airline pilots - Report of a working party of the Cardiology Committee of the Royal College of Physicians of London
- EMELIANOV, M. D. p0194 A78-36635  
Features of statokinetic reactions
- EMERIAU, J. P. p0059 A78-20557  
Asymptomatic coronary double obstruction revealed in a 32-year-old pilot by exercise testing on a bicycle ergometer
- ENDECOTT, B. R. p0011 N78-11681  
Inhalation toxicology: 1. Design of a small-animal test system. 2. Determination of the relative toxic hazards of 75 aircraft cabin materials [AD-A043646]
- The role of monamine oxidase inhibition in the acute toxicity of chlordimeform [AD-A045507] p0093 N78-17656
- ENG, W. G. p0079 A78-21746  
Low atmospheric pressure effects on wearing soft contact lenses
- ENGEL, L. A. p0140 A78-32041  
Models of the pressure volume relationship of the human lung
- ENGIN, A. E. p0154 A78-33525  
Application of a fluid-filled spherical sandwich shell as a biodynamic head injury model for primates

- ENGLAND, B. G. p0073 A78-21703  
Effects of high altitude on plasma concentrations of testosterone and pituitary gonadotropins in man p0100 A78-26727
- ENGLE, C. H.  
Lung volumes in man immersed to the neck - Dilution and plethysmographic techniques p0192 A78-36603
- ENGLISH, M. J.  
Noninvasive recording of electrical activity in the PR segment in man p0136 A78-30724
- ENGSTROM, S. D.  
Volume-restricted freezing of living cells and tissues [ORNL/MT-265] p0313 N78-33705
- ENOCHS, E. R.  
An investigation of possible correlations between individual pilot performance and Neurological functions [AD-A045372] p0045 N78-13739
- EPHRATH, A. R.  
Detection by pilots of system failures during instrument landings p0049 A78-17740
- EPFS, E.  
Automated instructional system for advanced simulation in undergraduate pilot training /ASUPT/ p0199 A78-38796
- EPSTEIN, W.  
Functional equivalence of masking and cue reduction in perception of shape at a slant p0100 A78-26375  
Two factors in the perception of velocity at a distance p0271 A78-48823
- ERENIN, A. V.  
Preliminary results of medical investigations during manned flights of the Salyut 4 Orbital Station p0030 A78-15199  
Variation of the corticosteroid composition of the urine under the action of simulated orthostatic stressing under high-g conditions p0073 A78-21373  
Selection and training of cosmonauts for flights in Soyuz spacecraft p0193 A78-36628  
Features of statokinetic reactions p0194 A78-36635  
Preliminary results of medicobiological studies performed during Soyuz-19 and Apollo flights p0194 A78-36642  
Pilot training and prognosis of psychophysiological conditioning of astronauts p0261 A78-47955
- ERHARDT, F.  
Increased urinary excretion of triiodothyronine /T3/ and thyroxine /T4/ and decreased serum thyrotropic hormone /TSH/ induced by motion sickness p0079 A78-21742
- ERICKSON, H. H.  
Anti-G suit effect on cardiovascular dynamic changes due to +Gz stress p0032 A78-15516  
The rhesus (*Macaca mulatta*) and crab-eating (*Macaca fascicularis*) monkeys in cardiovascular and aerospace research p0011 N78-11680
- ERNST, R. R.  
Ethylene oxide sterilization - Monitors and residuals p0048 A78-17223
- ERSTING, J.  
Prevention of hypoxia-acceptable compromises p0134 A78-29563
- ERTURK, F.  
The effects of maldistribution on the uptake and distribution of inert gases in the human lung p0093 N78-17649
- EVANS, E.  
Effect of altitude on dietary-induced thermogenesis at rest and during light exercise in man p0296 A78-52537
- EVANS, J. W.  
Continuous distributions of specific ventilation recovered from inert gas washout p0131 A78-29033
- EVERSMANN, T.  
Increased secretion of growth hormone, prolactin, antidiuretic hormone, and cortisol induced by the stress of motion sickness p0079 A78-21741  
Increased urinary excretion of triiodothyronine /T3/ and thyroxine /T4/ and decreased serum thyrotropic hormone /TSH/ induced by motion sickness p0079 A78-21742
- EVISON, L. L.  
Inactivation of enteroviruses and coliphages with ozone in waters and waste waters p0206 N78-25745
- EVARD, E.  
Comparative study of regulations on standards of medical fitness for flying duties in nine air forces covering seven NATO countries [AGARD-AG-213(ENG)] p0066 N78-15688
- EVARD, G.  
Transmission of impulse noise to the inner ear in the guinea pig by the recording of the intracochlear pressure. Evaluation of phenomena leading to injuries [ISL-R-103/77] p0148 N78-21749
- EWING, C. L.  
Dynamic response of human and primate head and neck to lateral Gy impact statement [PB-275448/9] p0146 N78-20770
- HYLER, T. B.  
Electrical and biological effects of transmission lines: A review [BPA-BIO-77-1] p0315 N78-33722
- EYSEL, U. T.  
Susceptibility of the cat's visual system to hypoxia, hypotonia and circulatory arrest p0273 A78-49300

## F

- FABER, J. H.  
Use of Inspiratory Minute Volumes in evaluation of rotary and fixed wing pilot workload p0287 N78-31754
- FACIUS, R.  
Dosimetric and biological results from the *Bacillus subtilis* Biostack experiment within the ASTP p0267 A78-48598
- FAHEY, R. C.  
On the cysteine and cystine content of proteins - Differences between intracellular and extracellular proteins p0049 A78-17854
- FAIRBANK, W. H.  
Measurement of the human magnetic heart vector p0048 A78-17265  
Superconducting magnetometry for the detection of heart disease [PB-271950/8] p0044 N78-13735
- FAITELBERG, R. O.  
Absorptive function of the small intestine during administration of the aerovit drug under motion-sickness conditions p0160 A78-36124
- FALK, G.  
Dark noise in retinal bipolar cells and stability of rhodopsin in rods p0024 A78-14309
- FANJEAU, Y.  
A model of blood flows studies p0178 N78-22698
- FARBER, Y. V.  
Investigation of the influence of prolonged rotation on radiation lesions p0306 N78-32682
- FARNBACH, G. C.  
Measurement of passive electrical properties of muscle: Techniques and applications p0061 N78-14774
- PAULKNER, D. H.  
Radiobiological aspects of high altitude flight: Relative biological effectiveness of fast neutrons in suppressing immune capacity to an infective agent [AD-A053204] p0230 N78-27756

- PAULKNER, W. H.**  
Prediction, evaluation, and specification of closed loop and multi-axis flying qualities [AD-A056983] p0317 N78-33736
- PAUTHEZ, J.**  
Effects of space environment on organism development p0173 N78-22660
- PAVRE, B.**  
The vibrating environment in transport vehicles: A critical bibliographical study [RAE-LIB-TRANS-1917] p0285 N78-31738
- FEDORENKO, B. S.**  
Cataractogenic effect of 25 and 50 MeV protons p0119 N78-18751
- FEDOROV, A. I.**  
The rate of synthesis and decomposition of tissue proteins in hypokinesia and increased muscular activity [NASA-TM-75203] p0123 N78-19751
- FEDOROV, B. M.**  
Hypokinesia and readaptation /physiological aspects/ p0072 A78-21184
- FEDOROV, I. V.**  
The rate of synthesis and decomposition of tissue proteins in hypokinesia and increased muscular activity [NASA-TM-75203] p0123 N78-19751  
Motor activity and prevention of consequences of hypokinesia (on the basis of indices of tissular metabolism) p0185 N78-23720
- FEDOROV, V. I.**  
Dynamics of structural transformations in physiological systems receiving stresses of various intensities and lengths p0214 A78-41018
- FEDOROV, Y. A.**  
Significance of the percussion symptom in detection of peptic ulcers in flight personnel p0111 N78-18693
- FEDOROVA, T. I.**  
Visual evaluation of simulated elements of lunar relief p0264 A78-47987  
Psychological state of the operator and visual evaluation of lunar relief p0264 A78-47988
- FEFLOV, W.**  
Cosmonaut work capacity in flight p0150 N78-21762
- FEIN, G.**  
Flurazepam effects on slow-wave sleep - Stage 4 suppressed but number of delta waves constant p0032 A78-15312  
Effects of exercise on sleep p0217 A78-42006
- FEINBERG, I.**  
Flurazepam effects on slow-wave sleep - Stage 4 suppressed but number of delta waves constant p0032 A78-15312  
Effects of exercise on sleep p0217 A78-42006
- FELDMAN, K. L.**  
Radiological quality of the environment in the United States, 1977 [PB-274229/4] p0114 N78-18710
- FELDMAN, R. S.**  
Blood flow and relative tissue PO<sub>2</sub> of brain and muscle - Role of carotid chemoreceptors p0297 A78-52542
- FELT, J. C.**  
Publications of the space biology program for 1975-1977: A special bibliography [NASA-TM-79324] p0092 N78-17647
- FELTOW, R. P.**  
The effect of repetitive prenatal low-level microwave exposure on development in the rat p0168 N78-22610
- FENDER, D. H.**  
Spatiotemporal mapping of scalp potentials p0035 A78-16080
- FENNESSY, P. A.**  
Intravascular volume and tonicity as factors in the regulation of body temperature p0082 A78-23603
- FENTISOV, W. V.**  
Multichambered self-oscillating models of biological systems with nonspecific inhibition of active transport p0213 A78-41009
- FERON, V. J.**  
Acute and sub-acute inhalation toxicity of peroxyacetyl nitrate and ozone in rats p0024 A78-14192
- FERRIS, R. E.**  
Workload and fatigue-in-flight EEG changes p0298 A78-52640
- FERRIS, R.**  
Reliability test report. Modular cryogenic generator [AD-A054855] p0278 N78-30825
- FERRI, R. S.**  
Heat-invoked changes in ascorbic acid levels on the rabbit eye p0169 N78-22617
- FERRIS, J. P.**  
Photochemical synthesis of organic compounds on Jupiter initiated by the photolysis of ammonia p0028 A78-15187
- FERRI-LUZZI, A.**  
Effect of altitude on dietary-induced thermogenesis at rest and during light exercise in man p0296 A78-52537
- FESSENKO, L. D.**  
Copper, molybdenum, iron and manganese metabolism in rat tissues in response to a 50 Hz electric field p0187 N78-23730
- FESSENDEW, E.**  
Acceleration effects on the ability to activate emergency devices in F-4 aircraft [AD-A042281] p0015 N78-11715
- FEUERLEIN, W.**  
Diagnosis of Alcoholism: The Munich Alcoholism Test (MAT) p0094 N78-17662
- FICHTBAUER, S.**  
Activities of the Department of Aviation Psychology concerning the consultancy contract with the Deutsche Lufthansa AG [DLR-IB-355-75/01] p0013 N78-11698  
Mobile small simulator for tracking and multitasking tests [DLR-IB-355-75/06] p0016 N78-11723  
Research activities of the DFVLR Department of Aviation Psychology concerning the consultancy contract of the Deutsche Lufthansa AG [DLR-IB-355-76/01] p0045 N78-13741  
Psychological selection of application for flight mechanic training [DLR-IB-355-77/03] p0062 N78-14783
- FIELDS, R. W.**  
Electrical enhancement of healing in combat injuries to hard and soft tissues [AD-A055531] p0282 N78-31718
- FIGUEIRAS, H. D.**  
Metabolism of 181W-labeled sodium tungstate in goats [POA-C-40070-A3] p0252 N78-29732
- FILATOVA, L. R.**  
Some clinical aspects of prolonged clinostatic hypokinesia [NASA-TM-75114] p0224 N78-26725  
Changes in the human blood coagulating system during prolonged hypokinesia [NASA-TM-75520] p0230 N78-27754
- FILIN, V. A.**  
An automated system for evaluation of eye fatigue p0125 N78-19764
- FILIPCHENKO, A. V.**  
Apollo-Soyuz test project on biorhythms of zone-forming fungi - Preliminary work p0031 A78-15212
- FINE, B. J.**  
Effects of altitude and heat on complex cognitive tasks p0133 A78-29544
- FINE, B. S.**  
Effects of repeated microwave irradiations to the albino rabbit eye p0168 N78-22615
- FINK, R. A.**  
State reversals of optically induced tilt and torsional eye movements p0156 A78-34681
- FINNEGAN, J. P.**  
Evaluation of the transfer and cost effectiveness of a complex computer-assisted flight procedure

- trainer  
[AD-A050413] p0150 N78-21764
- FIRSOV, L. A.  
Processes of learning complex behavior p0273 A78-49801
- FISHER, R. W.  
The real time reconnaissance problem p0211 A78-40218
- FITE, J., JR.  
An annotated bibliography of the literature dealing with the physiological correlates of cognitive performance  
[AD-A057113] p0317 N78-33733
- FITE, A. E.  
Influence of low and high pressure baroreceptors on plasma renin activity in humans  
[NASA-CR-155307] p0112 N78-18701
- FITZPATRICK, M. U.  
Vehicle integration and evaluation of advanced restraint systems. Restraint system analysis report  
[PB-281475/4] p0319 N78-33744
- FLETCHER, H. J.  
Monocular vision and landing performance in general aviation pilots - Cyclops revisited p0132 A78-29539
- FLETCHER, M. E.  
Work Capability and physiological effects predictive studies. 4: In He-02 excursions to pressures of 400- 800- 1200- and 1600 feet of sea water  
[NASA-CR-157571] p0282 N78-31714
- FLOH, H. C.  
Influence of socially used drugs on vision and vision performance p0094 N78-17663
- FLORES, J. L.  
The vibrating environment in transport vehicles: A critical bibliographical study  
[BAE-LIB-TRANS-1917] p0285 N78-31738
- FLOWERS, K. A.  
The predictive control of behaviour - Appropriate and inappropriate actions beyond the input in a tracking task p0155 A78-34085
- FLOYD, R.  
Biocybernetic factors in human perception and memory  
[AD-A043773] p0007 N78-10702
- FLOYD, T. C.  
Flurazepam effects on slow-wave sleep - Stage 4 suppressed but number of delta waves constant p0032 A78-15312
- Effects of exercise on sleep p0217 A78-42006
- FLUCK, D. C.  
Effect of isometric exercise on catecholamines in the coronary circulation p0057 A78-20341
- FLUX, M.  
Altitude tolerance of general aviation pilots with normal or partially impaired spirometric function p0266 A78-48088
- Altitude tolerance of general aviation pilots with normal or partially impaired spirometric function  
[AD-A044557] p0040 N78-12656
- FLUX, E.  
Auditory communication and workload p0287 N78-31749
- FOGLESONG, R. H.  
The concepts of a proficiency advancement model for basic flight training programs p0220 A78-43040
- FOLEY, J. P., JR.  
Performance measurement of maintenance  
[AD-A053475] p0250 N78-28809
- FOLINSBEE, L. J.  
The effect of nitrogen dioxide on lung function in normal subjects  
[PB-277671/4] p0225 N78-26731
- FOLSONE, C.  
The permuted generator hypothesis for the origin of a genetic code p0138 A78-31383
- FOHNE, V. H.  
Tracking of a programmed motion by a manipulator p0080 A78-21905
- FOOSHEE, C. E.  
Quantitative radionuclide angiography in the right anterior oblique view - Comparison with contrast ventriculography p0136 A78-30650
- FORET, J.  
Study of sleep in shift workers with alternating schedules - Adaptation and recovery in the case of rapid shift rotation /3-4 days/ p0103 A78-26747
- FORBERT, L.  
Configuration of the chest wall during increased gravitational stress in erect humans p0302 A78-53709
- FORRESTER, J. S.  
Noninvasive analysis of regional myocardial wall motion Cardiokymography p0055 A78-19147
- FORSNAN, P.  
Hormonal indices of tolerance to +Gz acceleration in female subjects p0215 A78-41162
- FORSTER, H. V.  
Effect of sojourn at 3200-m altitude on spinal reflexes in young adult males p0018 A78-13268
- Regulation of CSP /HCO3-/ during long-term hypoxic hypocapnia in man p0103 A78-26923
- FORSTER, E. E.  
Analysis of postcapillary pH changes in blood in vivo after gas exchange p0193 A78-36608
- FORTUIN, M. J.  
Exercise stress testing p0026 A78-15159
- FOSTER, T. L.  
Isolation and characterization of omnitherms and facultative anaerobes from Cape Canaveral soil samples p0028 A78-15183
- Anaerobic utilization of phosphite/phosphine as a sole source of phosphorus - Implication to growth in the Jovian environment p0028 A78-15186
- Dry-heat resistance of selected psychrophiles p0105 A78-27897
- Response of terrestrial microorganisms to a simulated Martian environment p0301 A78-53624
- Anaerobic utilization of phosphite and hypophosphite by *Bacillus* sp. p0301 A78-53625
- FOTHERGILL, L. C.  
The subjective magnitude of whole-body vibration p0019 A78-13479
- FOURCADE, C.  
Attempt at the detection of muscular bubbles through measurement of bioelectric impedance - First experimental results with affected rats and dogs p0058 A78-20541
- FOURN, P.  
Latent sickle cell anemia and commercial airline personnel p0057 A78-20536
- A study of aircraft cabin environment during long range flight p0057 A78-20537
- FOUST, D. E.  
Study of impact tolerance through free-fall investigations  
[PB-277537/7] p0234 A78-27780
- FOWLNER, P. E.  
Effects of lithium carbonate on performance and biomedical functions  
[AD-A044824/1] p0066 N78-15685
- FOX, G. E.  
The concept of cellular evolution p0002 A78-10547
- Archaeobacteria p0260 A78-47891
- Phytanyl-glycerol ethers and squalenes in the archaeobacterium *Methanobacterium thermoautotrophicus* p0260 A78-47892
- FOX, E. D.  
A crossed beam Doppler ultrasound concept for improved detection of atherosclerosis  
[PB-276859/6] p0187 N78-23737
- FOX, P.  
Lander imaging as a detector of life on Mars



- POI, S. W.  
Compartmentalization in proteinoid microspheres  
p0002 A78-11437  
p0035 A78-16015
- PRADKIN, S. Z.  
Temperature distribution in the human body under various conditions of induced hyperthermia [NASA-TM-75139]  
p0011 N78-11688
- PRADKIN, G. IA.  
Specific characteristics of the effect of UV laser radiation on the survival of microorganisms  
p0217 A78-42635
- FRANCESCONI, R. P.  
Hormonal responses of sedentary and exercising men to recurrent heat exposure  
p0265 A78-48084  
Recurrent heat exposure: Effects on hormonal responses in resting and exercising men [AD-A050539]  
p0231 N78-27761
- FRANK, L. E.  
The effects of stimulus orientation and response bias upon dynamic visual acuity [AD-A047827]  
p0179 N78-22706
- FRANK, E.  
Transmission of impulse noise to the inner ear in the guinea pig by the recording of the intracochlear pressure. Evaluation of phenomena leading to injuries [ISL-R-103/77]  
p0148 N78-21749
- FRASER, T. H.  
Monocular peripheral vision as a factor in flight safety  
p0157 A78-35106
- FRATINI, P.  
NEXT program for evaluating the patient dosage: First results for some X ray diagnostics installations  
p0145 N78-20762
- FRAZER, E. E.  
Coupling apparatus for ultrasonic medical diagnostic system [NASA-CASE-WPO-13935-1]  
p0208 N78-25761
- FREDBICKSON, A. G.  
Stochastic models of algal photosynthesis in turbulent channel flow  
p0032 A78-15380
- FREDBICKSON, J. H.  
Vestibular and somatosensory interaction in the cat vestibular nuclei  
p0023 A78-14064
- FREELING, H.  
Biological effects of high-LET particles on corn-seed embryos in the Apollo-Soyuz test project - Biostack III experiment  
p0029 A78-15193
- FREEMAN, J. J.  
Transfer functions for eye-level blood pressure during +Gz stress  
p0018 A78-13267
- FREEMAN, R. B., JR.  
Detectability of motion as a factor in depth perception by monocular movement parallax  
p0056 A78-19974
- FREKANY, G. A.  
Coding processes in preselected and constrained movements - Effect of vision  
p0138 A78-31748
- FREY, A. H.  
Behavioral effects of electromagnetic energy  
p0166 N78-22592
- FRIEDBERG, W.  
Radiobiological aspects of high altitude flight: Relative biological effectiveness of fast neutrons in suppressing immune capacity to an infective agent [AD-A053204]  
p0230 N78-27756
- FRIEDEL, E. L.  
Investigations of the biological effects of radiation: A multi-discipline approach [COO-2486-366]  
p0149 N78-21760
- FRISBY, J. P.  
Texture discrimination and Fourier analysis in human vision  
p0303 A78-53865
- FRISCH, G. D.  
Mathematical modeling of the head and neck response to -G/x/ impact acceleration /minimum articulation requirements/  
p0075 A78-21715
- FRITZ-WIGGLI, H.  
Radiobiological effects at low doses. The role of spatial and temporal energy distribution  
p0173 N78-22654
- PROLOV, A. IA.  
Visual work capacity under the action of overloads and elevated temperature  
p0263 A78-47972  
Bioenergetics of control in the state of simulated weightlessness  
p0263 A78-47980  
Ergonomic evaluation of cross-hair sights  
p0264 A78-47982  
The recognition of objects against a model of cosmic sky  
p0264 A78-47983  
Visual evaluation of simulated elements of lunar relief  
p0264 A78-47987  
Psychological state of the operator and visual evaluation of lunar relief  
p0264 A78-47988
- PROLOV, B. A.  
The electrocardiogram and cardiac rhythm in healthy young persons  
p0217 A78-42654
- PROLOV, K. V.  
The biomechanics of work  
p0100 A78-26268
- PROLOV, M. I.  
Methods of studying inflight pilot performance  
p0124 N78-19757
- FROMME, H. L.  
Measurement of microwave radiation absorbed by biological systems. I - Analysis of heating and cooling data  
p0080 A78-21877
- PROST, B. J.  
Subjective motion and acceleration induced by the movement of the observer's entire visual field  
p0271 A78-48824
- PROST, J. D., JR.  
Automated electroencephalography system and electroencephalographic correlates of space motion sickness, part 4 [NASA-CR-151560]  
p0040 N78-12660
- FROMEIN, H.  
ACTH 4-10 and adaptive learning [IZF-1977-13]  
p0226 N78-26736
- FEUERDT, H.  
The effect of extraversion/introversion on the consolidation processes related to the retention of verbal material  
p0025 A78-14499
- FRULLANI, S.  
Technical and scientific aspects of sanitary and safety problems in nuclear energy production [ISS-P-76/9]  
p0113 N78-18706
- FRYER, T. B.  
An inductively powered telemetry system for temperature, EKG, and activity monitoring [NASA-TM-78486]  
p0183 N78-23706
- FRIMOYER, J. W.  
Radiographic and biomechanical studies of the human spine [AD-A049984]  
p0149 N78-21758
- FRIMOYER, W. W.  
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p0149 N78-21758
- FUGAS, H.  
Biological significance of some metals as air pollutants. Part 2: Mercury [PB-279670/4]  
p0277 N78-30814
- FUJIMANI, T.  
Impedance cardiography for estimating cardiac output during subaxial and maximal work  
p0297 A78-52544
- FUJIWARA, O.  
Quality of pilot landing performance and visual information about altitude and distance  
p0191 A78-36326
- FUKUDA, T.  
The apparent rate of flicker [NHK-LABS-NOTE-219]  
p0254 N78-29748
- FUKUROTANI, K.  
Neuronal network in the retina - Interactions between photoreceptors /cones/ and horizontal cells

- FULLER, C. A. p0296 A78-52444  
Environmental synchronizers of squirrel monkey circadian rhythms
- FULLER, C. A. p0033 A78-15520  
Thermoregulation is impaired in an environment without circadian time cues
- FULLER, C. A. p0084 A78-24818  
Comparison of synchronization of primate circadian rhythms by light and food
- FULLER, C. A. p0134 A78-29640  
Circadian rhythm dissociation in an environment with conflicting temporal information
- FULLER, C. A. p0299 A78-52699  
Killfish hatching and orientation: Experiment 4A-161
- FULLER, C. A. p0092 N78-17106  
Support of ASTP/KOSMOS fundulus embryo development experiment [NASA-CR-151816]
- FUNG, Y. C. p0251 N78-29724  
Biomechanics
- FUNG, Y. C. p0023 A78-13991  
Elasticity of excised dog lung parenchyma
- FUNKHOUSER, G. E. p0258 A78-47206  
A study of effects of hyperthermia on large, short-haired male dogs: A simulated air transport environmental stress [AD-A040432/7]
- FUNKHOUSER, G. E. p0005 A78-10683  
Effects of lithium carbonate on performance and biomedical functions [AD-A044824/1]
- FUNKHOUSER, G. E. p0066 A78-15685  
The effects of altitude and two decongestant-antihistamine preparations on physiological functions and performance [AD-A054793]
- FURST, A. p0309 N78-32706  
Reproducibility of toxicity test data as a function of mouse strain, animal lot, and operator
- FURST, A. p0191 A78-36599
- G**
- GABADZE, W. B. p0307 N78-32689  
Effects of weightlessness and hypokinesia on contractility of bundles of glycerin-treated rat muscle fibers
- GABEL, W. W. p0026 A78-14680  
Phosphorus, a key to life on the primitive earth
- GABOVICH, R. D. p0186 N78-23726  
Effect of energy of superhigh-frequency electromagnetic fields on the bodies of experimental animals under different conditions of ultraviolet irradiation
- GABOVICH, R. D. p0187 N78-23730  
Copper, molybdenum, iron and manganese metabolism in rat tissues in response to a 50 Hz electric field
- GADDIS, J. L. p0150 N78-21767  
Dynamic hyperfiltration membranes for high-temperature spacecraft wash water recycle [NASA-CR-151689]
- GAERTNER, K. P. p0223 N78-26056  
Human engineering evaluation of a cockpit display/input device using a touch sensitive screen
- GAPUROV, A. A. p0104 A78-27572  
Hierarchic multilevel system for the control of some physiological functions
- GASSE, A. P. p0217 A78-42005  
Indices of thermoregulatory strain for moderate exercise in the heat
- GAJ, E. G. p0083 A78-23999  
Perseveration effects in detection tasks with correlated decision intervals
- GAILLARD, A. W. K. p0204 N78-24794  
The psychological significance of the electroencephalogram [IZF-1977-6]
- GAILLARD, A. W. K. p0225 N78-26734  
Some effects of Org. 2766 on various performance tasks [IZF-1977-18]
- GAILLARD, G. p0172 N78-22644  
Effects of X-rays on the rat retina and on rhodopsin
- GALAKTIONOVA, G. V. p0281 N78-31707  
Proliferation of bone marrow cells under the influence of superhigh intensity steady magnetic fields
- GALLAHER, P. D. p0054 A78-18822  
A regression approach to generate aircraft predictor information
- GALLICCHIO, J. A. p0120 N78-18760  
Evoked cortical potentials and information processing [AD-A048647]
- GALLIGANI, I. p0158 A78-35193  
A spatial-temporal filtering procedure for cardiac potential mapping
- GALLOWAY, W. D. p0166 N78-22597  
Interaction between microwave and neuroactive compounds
- GANALEYA, W. F. p0280 N78-31698  
Genetics of microorganisms and medicine
- GANNES, L. M. p0260 A78-47667  
Methane-producing bacteria - Natural fractionations of the stable carbon isotopes
- GANNELL, P. M. p0314 N78-33716  
Tissue identification by ultrasound [NASA-CR-157776]
- GAUTHAN, A. L. p0197 A78-37747  
Some mechanisms of visual masking
- GARDETTE, B. p0058 A78-20541  
Attempt at the detection of muscular bubbles through measurement of bioelectric impedance - First experimental results with affected rats and dogs
- GARIBDZHANOV, V. A. p0052 A78-18538  
Investigation of the effect of electrical pain stimulation of the skin on the reflex excitation of human alpha-motoneurons
- GARISHVILI, T. G. p0056 A78-19885  
Disruption of the deamination of monoamines and other nitrogenous compounds under conditions of stimulated peroxidation of endogenous lipids of brain tissue mitochondrial membranes
- GARNER, J. D. p0205 N78-24797  
Passenger flow rates between compartments: Straight-segmented stairways, spiral stairways, and passageways with restricted vision and changes of attitude [AD-A051485]
- GASSET, G. p0029 A78-15195  
Preliminary results of the Biobloc experiment on the Cosmos 782 flight - Effects of cosmic rays on brine shrimp eggs and tobacco seeds
- GAUER, O. H. p0197 A78-38009  
Effective compliance of the circulation in the upright sitting posture
- GAUTIER, H. p0237 A78-43944  
Gas exchanges during exercise in normoxia and hyperoxia
- GAUTIER, H. p0302 A78-53711  
Pulmonary gas exchange, diffusing capacity in natives and newcomers at high altitude
- GAVRILOV, A. G. p0217 A78-42635  
Specific characteristics of the effect of UV laser radiation on the survival of microorganisms
- GAVRILYUK, D. M. p0184 N78-23714  
Some problems of pathogenesis of respiratory disorders occurring at +G sub z accelerations combined with breathing pure oxygen

- GAY, D. J.  
Disorientation training in FAA-certificated flight and ground schools - A survey p0241 A78-46406  
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- GAIDAKIN, N. A.  
Effect of prolonged hypokinesia on the course of acute aseptic inflammation p0119 N78-18747
- GAJEVSKAYA, N. S.  
Effects of space flights and concomitant radiation on amino acid metabolism in rat skeletal muscles p0125 N78-19761  
Effects of weightlessness and hypokinesia on contractility of bundles of glycerin-treated rat muscle fibers p0307 N78-32689
- GAZENKO, D. G.  
Physiological effects of varying gravity p0198 A78-38751
- GAZENKO, O. G.  
Optimization of the professional activity of a cosmonaut p0021 A78-13576  
Optimization of the habitation environment p0021 A78-13577  
Preliminary results of medical investigations during manned flights of the Salyut 4 Orbital Station p0030 A78-15199  
Radiobiological experiment aboard the biosatellite Cosmos-690 p0079 A78-21739  
Space flights on Soyuz spacecraft: Biomedical studies p0193 A78-36626  
Preliminary results of medicobiological studies performed during Soyuz-19 and Apollo flights p0194 A78-36642  
Space Biology and Aerospace Medicine, no. 5, 1977 [JPRS-70135] p0109 N78-18679  
Main stages and prospects of development of space biology and medicine p0110 N78-18680  
Main results of medical research conducted during the flight of two crews on the Salyut-5 orbital station p0110 N78-18684  
Technique for selective catheterization of the heart and great vessels used in biomedical studies of healthy individuals p0110 N78-18686  
Experimental and general theoretical research p0115 N78-18717  
Space Biology and Aerospace Medicine, No. 1, 1978 [JPRS-70753] p0124 N78-19756  
Space biology and medicine p0143 N78-20743  
Before the long journey [NASA-TM-75098] p0203 N78-24781  
Before the long journey: Development of Soviet space biology and medicine [NASA-TM-75099] p0203 N78-24782  
Structural and functional organization of the vestibular apparatus in rats subjected to weightlessness for 19.5 days aboard the Kosmos-782 satellite [NASA-TM-75529] p0223 N78-26717  
Space biology and aerospace medicine, no. 4 [JPRS-71830] p0305 N78-32672
- GEARHART, J. E.  
Response of the skeletal system to helicopter-unique vibration p0076 A78-21721
- GEGBEN, V. D.  
Design and performance of heart assist or artificial heart control systems p0183 N78-23032
- GEDEVANISHVILI, D. M.  
Formation mechanism for rhythmic extended action potentials of peripheral nerves and muscles p0104 A78-27668  
On the possibility of predicting the frequency of electrical stimulation which would cause the onset of the regular rhythm of extended action potentials p0105 A78-27712
- GERER, P.  
The normal human lung - Ultrastructure and morphometric estimation of diffusion capacity p0140 A78-32039
- GERHING, H. J.  
Microbial exchange: Experiment AR-002 p0092 N78-17103
- GERHKE, C. W.  
Fatty acid profile and cholesterol in skeletal muscle of trained and untrained men p0050 A78-18083
- GEISLER, W. S.  
Adaptation, afterimages and cone saturation p0191 A78-36550
- GERKHAN, B. I.  
Use of the auricle-floor temperature of the rabbit as an index of skin blood flow p0303 A78-53792
- GELFAND, B.  
Work Capability and physiological effects predictive studies. 4: In He-O2 excursions to pressures of 400- 800- 1200- and 1600 feet of sea water [NASA-CR-157571] p0282 N78-31714
- GELLY, R.  
Crises of maladaptation in confirmed pilots p0258 A78-46959
- GELEAN, V. YA.  
Mathematical modeling of arterial pressure transient processes during the action of vasoactive substances p0214 A78-41014
- GENIN, A. M.  
Preliminary results of medical investigations during manned flights of the Salyut 4 Orbital Station p0030 A78-15199  
Laboratory simulation of the action of weightlessness on the human organism [NASA-TM-75077] p0065 N78-15682
- GERASIMOVA, G. K.  
Electrolyte content of blood and potassium ion transport in erythrocytes of animals exposed to a steady magnetic field p0116 N78-18727
- GERASIMOVICH, A. A.  
Means for optimization of group interaction under conditions of prolonged isolation p0022 A78-13594  
Possibilities of enhancing the dependability of groups acting in extremal situations p0022 A78-13595
- GERATHEWOHL, S.  
Optimization of crew performance in future aircraft and weapon systems - Experimental methods of objective measurement p0060 A78-20563
- GERATHEWOHL, S. J.  
Inflight measurement of pilot workload - A panel discussion p0161 A78-36158  
Psychophysiological effects of aging: Developing a functional age index for pilots. 1. A survey of the pertinent literature [AD-A040322/0] p0006 A78-10694
- GERAUD, G.  
Cerebral circulation in weightlessness: Comparison and validation of different methods p0170 N78-22626
- GERBER, P. H.  
Resolution requirements for slow-scan television transmission of X-rays. A test report for the remote medical diagnosis system [AD-A047870] p0095 N78-17669
- GERDAUSKENE, L. L.  
Consumption of freeze-dried food in weightlessness p0184 N78-23712
- GERHARDT, K. O.  
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- GERICH, J. E.  
Glucose delivery - A modulator of glucose uptake in contracting skeletal muscle p0055 A78-19143
- GERZANICH, I. I.  
State of hypothalamo-hypophyseal neurosecretory system during hyperbaric oxygenation p0273 A78-49700

- GETTY, D. J.  
Signal detection and identification at successive stages of observation  
p0156 A78-34680
- GEYER, A. T.  
Biodegradation of shipboard wastewater in collection, holding, and transfer tanks [AD-A053643]  
p0251 N78-29726
- GEYKHMAN, K. L.  
Physiology of antiorthostatism  
p0116 N78-18730
- GIBBONS, D. P.  
Effect of surface texture by ion beam sputtering on implant biocompatibility and soft tissue attachment [NASA-CR-135311]  
p0109 N78-18672
- GIBBONS, W. D.  
Retinal tissue damage induced by single ultrashort 1060 nm laser light pulses  
p0292 A78-51078
- GIBER, L. H.  
Heart damage during emotional stress and prophylaxis of this effect with the aid of preliminary adaptation to high-altitude hypoxia  
p0106 A78-28123
- GIBSON, A. J.  
Visual detection of commencement of aircraft takeoff runs  
p0101 A78-26735
- GIBSON, C. C.  
Variability of oxygen affinity of normal blood - An automated method of measurement  
p0259 A78-47209
- GIBSON, D. G.  
Study of left ventricular wall thickness and dimension changes using echocardiography  
p0137 A78-30725
- GIBSON, T. H.  
Effects of hypocapnia on psychomotor and intellectual performance  
p0241 A78-46405
- GIESE, S. C.  
Threshold visibility of frequency gradient patterns  
p0025 A78-14414
- GILBERT, E. S.  
Evaluating the effects of low-level chronic exposures [BNWL-SA-5992]  
p0089 N78-16614
- GILBERT, T. H.  
Hypothalamic thermoregulatory pathways in the rat  
p0033 A78-15517
- GILENKO, A. V.  
Biomedical effects of millimeter radio waves  
p0316 N78-33729
- GILINSKII, V. IA.  
The ozone problem associated with technical and health considerations in aviation  
p0057 A78-20293
- GILL, R. T.  
Development and validation of drive concepts for an advanced G-cuing system [AIAA 78-1571]  
p0289 A78-50652
- GILLINGHAM, K. K.  
Transfer functions for eye-level blood pressure during +Gz stress  
p0018 A78-13267
- Calibration of a new ear oximeter in humans during exposure to centrifugation  
p0131 A78-29035
- GILPATRICK, E.  
Using task data in diagnostic radiology. Volume 2: Curriculum objectives for radiologic technology [PB-270460/9]  
p0041 N78-12663
- Using task data in diagnostic radiology. Volume 1. Job ladders: Assigning tasks to jobs [PB-270459/1]  
p0041 N78-12664
- GINSBURG, A. P.  
Optical transforms and the 'pincushion grid' illusion  
p0034 A78-15948
- GINSEBURG, Y. V.  
Hemopoiesis in dogs exposed to lethal doses of protons with shielded bone marrow  
p0116 N78-18728
- GIPFENREITER, E. B.  
Acute and long-duration hypoxia  
p0155 A78-34156
- GIROUX, M. S.  
Volume-restricted freezing of living cells and tissues [ORNL/MT-265]  
p0313 N78-33705
- GISOLFI, C. V.  
Role of brain Ca<sup>2+</sup> in central control of body temperature during exercise in the monkey  
p0050 A78-18081
- GLADKII, T. V.  
Absorptive function of the small intestine during administration of the aerovit drug under motion-sickness conditions  
p0160 A78-36124
- GLANFIELD, E. J.  
Urine monitoring system failure analysis and operational verification test report [NASA-CR-151828]  
p0278 N78-30820
- GLATZEL, E.  
Working in a hot environment; perspiration loss; a drink for persons working under hot conditions, part 2 [NASA-TN-75285]  
p0148 N78-21751
- GLAZKOV, IU. N.  
Results of an investigation of the rotation of a man in space  
p0153 A78-33253
- GLENBOTSII, IA. L.  
Biological experiments on the orbital station Salyut 4  
p0030 A78-15207
- GLUD, G. D.  
Psychopharmacology in aviation and astronautics  
p0114 N78-18716
- Effect of prolonged hypokinesia on the course of acute aseptic inflammation  
p0119 N78-18747
- GLUCK, M. S.  
The frequency following response in humans  
p0252 N78-29734
- GLUSHKO, A. A.  
Dynamic characteristics of heat exchange and moisture exchange in the human body  
p0213 A78-41011
- GNEVISHCHEV, M. N.  
Effects of Solar Activity on the Earth's Atmosphere and Biosphere [TT-75-50015]  
p0163 N78-22561
- Sudden death from cardiovascular diseases and solar activity  
p0164 N78-22576
- GNUSAROV, V.  
Pilot retraining aimed at stress reduction  
p0143 N78-20744
- GOANS, R. E.  
High resolution ultrasonic scanning of animal and human tissue in-vivo [ORNL-TN-5934]  
p0253 N78-29742
- GOCLOWSKI, J. C.  
Integration and application of human resource technologies in weapon system design [AD-A053681]  
p0255 N78-29756
- Integration and application of human resource technologies in weapon system design: Coordination of five human resource technologies [AD-A053680]  
p0255 N78-29757
- GOEHRING, G.  
Safety considerations in human engineering of hyperbaric equipment [AD-A046839]  
p0068 N78-15701
- GOERRES, H. P.  
Subjective stress assessment as a criterion for measuring the psychophysical workload on pilots  
p0091 N78-16632
- GOETTERS, K. M.  
Activities of the Department of Aviation Psychology concerning the consultancy contract with the Deutsche Lufthansa AG [DLR-IB-355-75/01]  
p0013 N78-11698
- Psychological aptitude test of aviation personnel from Malawi [DLR-IB-355-75/03]  
p0013 N78-11699
- Relation between pulse rate during the complex coordination test and several psychological measures of effort and stress [DLR-IB-355-75/04]  
p0013 N78-11700
- Research activities of the DFVLR Department of Aviation Psychology concerning the consultancy contract of the Deutsche Lufthansa AG [DLR-IB-355-76/01]  
p0045 N78-13741

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The adjacency principle in visual perception  
p0153 A78-32895
- GOGOLEV, K. I.  
Prevention of human deconditioning during  
prolonged immersion in water  
p0030 A78-15202
- GOGOLITSYN, IU. L.  
Factor analysis of changes in sleep in the cat  
following emotional stress  
p0100 A78-26608
- GOLAND, L. G.  
Reaction of the digestive system to the effect of  
spaceflight factors  
p0194 A78-36639
- GOLDAWSKII, V. I.  
Interstellar grains as possible cold seeds of life  
p0002 A78-11590  
Interstellar dust grains as possible cold germs of  
life  
p0137 A78-30840
- GOLDMAN, M. D.  
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contraction. I - Statics. II - Dynamics  
p0217 A78-42004
- GOLDMAN, R. F.  
Convergence of skin and rectal temperatures as a  
criterion for heat tolerance  
p0265 A78-48083  
Development and evaluation of heat transfer  
equations for a model of clothed man  
[AD-A050542] p0180 N78-22707  
Development and evaluation of heat transfer  
equations for a model of clothed man  
p0182 N78-22722  
Underclothing and its physiological effects in a  
hot-dry environment  
[AD-A050540] p0182 N78-22725  
The role of clothing in achieving acceptability of  
environmental temperatures between 65 F and 85 F  
(18 C and 30 C)  
[AD-A052563] p0206 N78-24803  
Prediction of human heat tolerance  
[AD-A051276] p0247 N78-28788
- GOLDSTICK, T. K.  
Oxygen electrode design criteria and performance  
characteristics - Recessed cathode  
p0236 A78-43794
- GOMER, F. E.  
Perceived magnitudes of distortion, secondary  
imaging, and rainbowing in aircraft windshields  
p0272 A78-49272
- GOMCHAROV, I. B.  
Medical support of the immediate postflight period  
following long space missions  
p0118 N78-18741
- GOMCHAROVA, L. A.  
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biosynthesis in various rat organs and tissues  
p0118 N78-18743  
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of proteins in red and white skeletal muscles of  
rats  
p0175 N78-22671
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p0242 A78-46416
- GONDARENKO, E. A.  
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activity of mediatory-exchange ferments  
/monoamine oxydase and glutamate decarboxylase/  
in the mitochondrial fractions of the cortical  
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tissues which have undergone different types of  
trauma  
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p0267 A78-48575
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exercise in the heat  
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p0159 A78-35850
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functional design  
p0087 N78-16603
- GOPHER, D.  
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p0054 A78-18824  
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[AD-A050461] p0150 N78-21765
- GORBUKOVA, A. V.  
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ganglia neurons of rats following a space flight  
p0118 N78-18744
- GORBEEVA, N. D.  
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instrumental space operations  
p0023 A78-13600
- GOREA, A.  
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law for contrast  
p0295 A78-51956
- GORGILADZE, G. I.  
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extraocular muscles in the habituation of  
vestibulo-oculomotor responses  
p0081 A78-22500  
Investigation of vestibular reactions during  
binaural equal calorization of the labyrinths  
p0197 A78-37749  
Vestibular reactions to long-term caloric  
stimulation of the rabbit labyrinth  
[NASA-TM-75528] p0228 N78-27735
- GORINA, N. S.  
Effect of hypokinesia on the contractile function  
and neural regulation of the heart  
p0302 A78-53789
- GORNAGO, V. A.  
Dynamics of cardiorespiratory system indicators in  
healthy man during passive orthostatic test  
p0129 A78-28490
- GORRY, G. A.  
Relationship between plasma lipid concentrations  
and coronary artery disease in 496 patients  
p0027 A78-15161
- GORYACHEVA, L. L.  
Histochemical study of digestive organs of rats  
following flight on Kosmos-605  
p0115 N78-18722  
Histochemical study of digestive organs of rats  
involved in space flight on the Kosmos-690  
satellite  
p0306 N78-32681
- GORYAYEV, B. I.  
Prevention of hypertensive states in ship crews  
out at sea  
p0120 N78-18759
- GOTOH, H.  
Evaluation method of mental workload under flight  
conditions  
p0215 A78-41168
- GOTT, V. L.  
Interfacial biophysics of materials in contact  
with blood  
[PB-277928/8] p0225 N78-26732
- GOTTO, A. M.  
Relationship between plasma lipid concentrations  
and coronary artery disease in 496 patients  
p0027 A78-15161
- GOTTSHAW, H.  
Increased secretion of growth hormone, prolactin,  
antidiuretic hormone, and cortisol induced by  
the stress of motion sickness  
p0079 A78-21741  
Increased urinary excretion of triiodothyronine  
/T3/ and thyroxine /T4/ and decreased serum  
thyrotropic hormone /TSH/ induced by motion  
sickness  
p0079 A78-21742

GOULD, L.

PERSONAL AUTHOR INDEX

- GOULD, L.  
Electrophysiologic properties of alcohol in man  
p0239 A78-45409  
Knowledge-based adaptive curriculum sequencing for  
CAI: Application of a network representation  
[AD-A047090] p0089 N78-16619
- GOURAS, P.  
Responses of macaque ganglion cells to far violet  
lights  
p0025 A78-14412
- GOVARDOVSKIY, V. I.  
Structural and functional organization of the  
vestibular apparatus in rats subjected to  
weightlessness for 19.5 days aboard the  
Kosmos-782 satellite  
[NASA-TM-75529] p0223 N78-26717
- GOZULOV, S. A.  
Main results of medical research conducted during  
the flight of two crews on the Salyut-5 orbital  
station  
p0110 N78-18684
- GRABOW, W. O. K.  
Studies on the isolation and identification of  
hepatitis viruses in water  
p0206 N78-25744  
Microbiological quality and epidemiological  
aspects of reclaimed water  
p0207 N78-25749
- GRAP, E. R.  
A versatile electromagnetic environmental simulator  
p0048 A78-17530
- GRAP, M.  
Individual differences during training in the case  
of alpha brain waves with biofeedback  
p0026 A78-14500
- GRAMENITSKII, P. M.  
Preliminary results of medicobiological studies  
performed during Soyuz-19 and Apollo flights  
p0194 A78-36642
- GRANDOLFO, M.  
Electromagnetic field levels near radar therapy  
equipment  
p0146 N78-20765
- GRANDPIERRE, R.  
Influence of radioactivity or sulfur treatment on  
hyperoxia-induced pulmonary lesions in the rat  
p0060 A78-20558
- GRANT, G. C.  
Phytoplankton sampling in quantitative baseline  
and monitoring programs  
[PB-279644/9] p0252 N78-29733
- GRAPE, P. M.  
Spatial disorientation in general aviation accidents  
p0265 A78-48081  
A study of effects of hyperthermia on large,  
short-haired male dogs: A simulated air  
transport environmental stress  
[AD-A040432/7] p0005 N78-10683  
Spatial disorientation in general aviation accidents  
[AD-A053230] p0230 N78-27755
- GRASSINO, A.  
Mechanics of the human diaphragm during voluntary  
contraction. I - Statics. II - Dynamics  
p0217 A78-42004
- GRASSINO, A. E.  
Configuration of the chest wall during increased  
gravitational stress in erect humans  
p0302 A78-53709
- GRAVES, H. B.  
Some biological effects of high intensity, low  
frequency /60 Hz/ electric fields on small birds  
and mammals  
p0199 A78-39117
- GRAY, S. W.  
Chronic acceleration in plants  
p0031 A78-15208
- GRAYBIEL, A.  
Bidirectional overadaptation achieved by executing  
leftward or rightward head movements during  
unidirectional rotation  
p0078 A78-21733  
Postural illusions experienced during Z-axis  
recumbent rotation and their dependence upon  
somatosensory stimulation of the body surface  
p0134 A78-29561  
Some influences of touch and pressure cues on  
human spatial orientation  
p0161 A78-36157
- Prevention of motion sickness in flight maneuvers,  
aided by transfer of adaptation effects acquired  
in the laboratory - Ten consecutive referrals  
p0215 A78-41167  
Longevity in military pilots - 37-year followup of  
the Navy's '1000 Aviators'  
p0266 A78-48087
- GRECHIN, V. B.  
Subcortical links of optimization of  
intellectual-mnemonic human activity  
p0052 A78-18536
- GREEN, D. H.  
Signal detection and identification at successive  
stages of observation  
p0156 A78-34680
- GREEN, E.  
Auditory communication and workload  
p0287 N78-31749
- GREENE, D. E.  
A mathematical theory for sequential input  
adaptive systems with applications to  
man-machine tracking systems  
p0200 A78-39649
- GREENE, P. M.  
Measurement of RF power-absorption in biological  
specimens, 10 to 100 MHz  
[PB-274218/7] p0114 N78-18714
- GREENING, C. P.  
Analysis of crew/cockpit models for advanced  
aircraft  
[AD-A054957] p0278 N78-30824
- GREENLEAF, J. E.  
Plasma /Na+/, /Ca+/, and volume shifts and  
thermoregulation during exercise in man  
p0053 A78-18573  
Insulin and glucose responses during bed rest with  
isotonic and isometric exercise  
p0053 A78-18574  
Fluid-electrolyte shifts and maximal oxygen uptake  
in man at simulated altitude /2,287 m/  
p0192 A78-36602  
Sweat collection capsule  
[NASA-CASE-ARC-11031-1] p0181 N78-22720
- GREENLEAF, J. F.  
Effect of force environment on regional pulmonary  
displacements and volumes in dogs  
p0103 A78-26924  
Spatial distribution of pulmonary blood flow in  
dogs in increased force environments  
p0130 A78-29032  
Some effects of acceleration in man and chimpanzees  
p0009 N78-11668
- GREENLEY, D. R.  
Water system microbial check valve development  
[NASA-CR-151678] p0181 N78-22719
- GREENOUGH, B.  
An investigation of the reduction of carbon  
dioxide in a silent electric discharge  
[NASA-CR-152146] p0209 N78-25767
- GREGOIRE, H. G.  
Analysis of flight clothing effects on aircrew  
station geometry  
[AD-A046260] p0063 N78-14789  
Is man the weakest link?  
p0286 N78-31746
- GREGORIEV, KH. G.  
Preliminary results of the Biobloc experiment on  
the Cosmos 782 flight - Effects of cosmic rays  
on brine shrimp eggs and tobacco seeds  
p0029 A78-15195
- GREGORY, J. B.  
Development of a synthetic polymer burn covering  
[AD-A042459] p0095 N78-17667
- GREGORY, M. L.  
Two-dimensional echocardiography with a wide angle  
/60 deg/ sector scanner  
p0001 A78-10498
- GRESSER, J. D.  
Development of a synthetic polymer burn covering  
[AD-A042459] p0095 N78-17667
- GRIBAKIN, G. G.  
Structural and functional organization of the  
vestibular apparatus in rats subjected to  
weightlessness for 19.5 days aboard the  
Kosmos-782 satellite  
[NASA-TM-75529] p0223 N78-26717
- GRIBENSKI, A.  
Influence of gravity and weightlessness on  
saturation of the equilibrium function

- Responses of the frog to angular accelerations in weightlessness p0171 N78-22639
- GRISPAHN, B. p0171 N78-22640  
Noise-induced sleep disturbances and their effects on health
- GRIFFIN, B. J. p0240 A78-45508  
The subjective magnitude of whole-body vibration
- The interaction of control gain and vibration with continuous manual control performance p0019 A78-13479
- A review of the effects of vibration on visual acuity and continuous manual control. I - Visual acuity. II - Continuous manual control p0081 A78-22838
- The effect of the position of the axis of rotation on the discomfort caused by whole-body roll and pitch vibrations of seated persons p0099 A78-26247
- Individual variability and its effect on subjective and biodynamic response to whole-body vibration p0195 A78-36816
- The effect of rotational vibration in roll and pitch axes on the discomfort of seated subjects p0200 A78-39345
- Predicting the effects of dual-frequency vertical vibration on continuous manual control performance p0274 A78-50080
- Distribution of tissue water and electrolytes in normal rhesus macaques [AD-A052019] p0274 A78-50081
- GRIFFITH, E. J. p0188 N78-23738  
Phosphorus, a key to life on the primitive earth
- GRIGOREV, A. I. p0026 A78-14680  
Prevention of human deconditioning during prolonged immersion in water
- Exchange-endocrine processes p0030 A78-15202
- The osmoregulating function of the kidneys during immersion p0194 A78-36637
- GRIGOREV, I. G. p0197 A78-37857  
Radiobiological experiment aboard the biosatellite Cosmos-690
- Radiation protection for Soyuz crews p0079 A78-21739
- GRIGORIEV, I. G. p0193 A78-36631  
Effect of weightlessness and of artificial gravity on irradiated lettuce seeds
- GRIGORYAN, A. S. p0031 A78-15210  
Experimental and general theoretical research
- GRIGORYEV, A. I. p0115 N78-18717  
Distinctions of fluid and electrolyte metabolism and renal function in crew members of the first Salyut-4 expedition
- Kaliuretic renal function in man as related to different degrees of exercise during bedrest p0110 N78-18685
- GRIGORYEV, Y. G. p0305 N78-32675  
Main objectives and results of the radiobiological experiment conducted on the Kosmos-690 biosatellite
- GRINAK, L. P. p0111 N78-18688  
Psychological model of weightlessness in space flight simulation
- Emotional state and orthostatic reactions p0261 A78-47958
- Suggestibility and characterological features of personality p0262 A78-47960
- Biological model of a self-adjusting filter p0262 A78-47961
- Visual evaluation of simulated elements of lunar relief p0262 A78-47965
- Psychological state of the operator and visual evaluation of lunar relief p0264 A78-47987
- GRIMES, C. T. p0264 A78-47988  
The psychophysical tuning curve: A parametric study
- GRINN, D. J. p0276 N78-30807  
Influence of hypoxia on the longitudinal distribution of pulmonary vascular resistance
- GRINCHENKO, S. M. p0141 A78-32325  
Energy characteristics of nerve cell adaptation
- GRISHANOV, V. N. p0214 A78-41015  
Regional redistribution of blood during the immediate aftereffect period following exposure of rats to transverse accelerations
- GRISHIN, I. R. p0308 N78-32693  
Disturbances of fat metabolism in flight crew personnel
- GROH, K. R. p0220 A78-42900  
Circadian dyschronism and chronotypic ecophilia as factors in aging and longevity [CONF-770412-1]
- GROHOVA, E. A. p0044 N78-13731  
Current problems of neurochemical investigations of memory
- GROSSLIGHT, J. H. p0072 A78-21348  
Monocular vision and landing performance in general aviation pilots - Cyclops revisited
- GROUNAUER, P. A. p0132 A78-29539  
Visual stimulator
- GROVER, A. p0299 A78-52704  
Body fluid compartments in rabbits on exposure to acute hypobaric hypoxia
- Haematologic changes in rabbits during acclimatisation, deacclimatisation, and reinduction to hypoxia p0215 A78-41163
- GROVES, T. O. p0241 A78-46407  
Microbial exchange: Experiment AR-002
- GROZA, P. p0092 N78-17103  
Circulatory adaptive reactions under hypergravity in normal and cold environments
- The gastrointestinal tract in hypokinetic rats p0030 A78-15203
- GROZDOVA, T. IA. p0267 A78-48587  
Biological experiments on the orbital station Salyut 4
- GRUNBAUM, B. W. p0030 A78-15207  
Continuous 30-day measurements utilizing the monkey metabolism pod
- Physiological studies in space with nonhuman primates using the monkey pod p0030 A78-15201
- The pig-tailed monkey (Macaca nemestrina) as a space-flight candidate p0009 N78-11665
- GRUNWALD, A. J. p0010 N78-11678  
Effectiveness of basic display augmentation in vehicular control by visual field cues
- GUALTIEROTTI, T. p0271 A78-49262  
The effect of gravity on the static and dynamic properties of single vestibular units investigated in the bull frog by means of a vestibular orbital laboratory (VOL).
- GUBAREVA, I. A. p0171 N78-22636  
Experimental substantiation of maximum permissible concentrations of acetone and acetaldehyde in reclaimed potable water
- GUDIN, V. I. p0185 N78-23722  
Changes in peripheral blood of crew members of the Salyut-4 orbital station
- GUEDRY, P. E., JR. p0174 N78-22669  
Coriolis cross-coupling effects - Disorienting and nauseogenic or not
- p0078 A78-21737

- Visual counteraction of nauseogenic and disorienting effects of some whole-body motions - A proposed mechanism p0078 A78-21738
- Motion sickness susceptibility: A retrospective comparison of laboratory tests [AD-A053161] p0248 N78-28790
- GUELL, A.**  
Cerebral circulation in weightlessness: Comparison and validation of different methods p0170 N78-22626
- GUERN, P.**  
Asymptomatic coronary double obstruction revealed in a 32-year-old pilot by exercise testing on a bicycle ergometer p0059 A78-20557
- GUILLERN, R.**  
The effect of chronic exposure to pure oxygen at normal pressure in the mucous-ciliary function of air passages p0059 A78-20549
- Ultrasonic detection by the Doppler effect of circulating bubbles in humans and animals in altitude p0059 A78-20553
- GUILLET, R.**  
Neuroendocrine responses in the rat and dog exposed to 2450 MHz (CW) microwaves [UR-3490-1080] p0168 N78-22609
- GULLEDGE, W. L.**  
A temporary threshold shift for self-motion detection following sustained, oscillating linear acceleration p0216 A78-41810
- GULLION, C.**  
Using task data in diagnostic radiology. Volume 2: Curriculum objectives for radiologic technology [PB-270460/9] p0041 N78-12663
- GULYAYEV, P. I.**  
Experimental analysis of the information content of an aural electrical field of the human body [AD-A051096] p0188 N78-23741
- GUNDY, A. J.**  
Experiments on the detection of roll motion p0157 A78-35101
- Thresholds of perception for periodic linear motion p0157 A78-35103
- GUNSALUS, R. P.**  
Methane-producing bacteria - Natural fractionations of the stable carbon isotopes p0260 A78-47667
- GUREVICH, M. I.**  
Relationships between central and local mechanisms for regulation of hemodynamics p0242 A78-46452
- GURFINKEL, V. S.**  
Investigation of the regulation system for vertical posture by means of vibrational stimulation of muscle spindles p0071 A78-21178
- Matters of simulation of the semicircular canal system [NASA-TM-75230] p0088 N78-16610
- GUROV, A. M.**  
Detection of initial stages of overstrain in aircrew members p0199 A78-39198
- GUROVSKII, M. M.**  
Preliminary results of medical investigations during manned flights of the Salyut 4 Orbital Station p0030 A78-15199
- Selection and training of cosmonauts for flights in Soyuz spacecraft p0193 A78-36628
- Preliminary results of medicobiological studies performed during Soyuz-19 and Apollo flights p0194 A78-36642
- GUROVSKIY, M. M.**  
Main stages and prospects of development of space biology and medicine p0110 N78-18680
- Cosmonauts undergo medical ground training p0234 N78-28040
- GUSEINOV, F. I.**  
DNA content in the lymph organs of rats during adaptation to hypoxia p0051 A78-18524
- GUSEV, V. M.**  
Mechanisms of interaction between receptors of the vestibular system p0266 A78-48522
- GUSEVA, O. A.**  
Immunological reactivity and prediction of allergic complications in the crew of the second expedition of Salyut-4 p0183 N78-23710
- GUSEYNOV, F. T.**  
DNA status in rat liver and spleen following flight on Kosmos-805 satellite p0118 N78-18742
- GUSKI, R.**  
Defensive activation toward noise p0240 A78-45509
- GUSTAFSON, D. E.**  
A prototype system for automated interpretation of vectorcardiograms p0083 A78-23881
- GUTHERMANN, R. E.**  
Modelling of oxygen autoregulation in canine skeletal muscle p0165 N78-22583
- GUTHMAN, R. E.**  
Human reliability analysis of dependent events [SAND-77-1396C] p0233 N78-27771
- GUY, A. W.**  
International Union of Radio Science, Annual Meeting, University of Massachusetts, Amherst, Mass., October 11-15, 1976, Proceedings p0080 A78-21876
- RF cell culture irradiation system with controlled temperature and field strength [PB-274793/9] p0114 N78-18712
- RF radiation absorption patterns: Human and animal modeling data [PB-274749/1] p0124 N78-19755
- Quantitation of microwave biological effects p0167 N78-22599
- Compilation and assessment of microwave bioeffects, AO-02-01/EA81028: A selective review of the literature on biological effects of microwaves in relation to the satellite power system [PNI-2634] p0315 N78-33720
- GUYENNE, T. D.**  
Life-sciences research in space [ESA-SP-130] p0169 N78-22619
- GYORKI, J. R.**  
Advanced instrumentation concepts for environmental control subsystems [NASA-CR-152100] p0250 N78-28807
- GYROZIAN, A. A.**  
Effect of coriolis accelerations on man's ability to determine the direction of gravitational vertical p0308 N78-32694

## H

- HABER, E.**  
Zero gravity and cardiovascular homeostasis. The relationship between endogenous hyperprolactinemia and plasma aldosterone [NASA-CR-151715] p0179 N78-22705
- HABERCOM, G. E., JR.**  
Simulators in education and training, volume 2. A bibliography with abstracts [NTIS/PS-78/0378/6] p0255 N78-29752
- Simulators in education and training, volume 3. A bibliography with abstracts [NTIS/PS-78/0379/4] p0255 N78-29753
- HABERLAND, E.-J.**  
The importance of the perilymphatic oxygen supply in the cochlea function p0300 A78-53395
- HABERMANN, J.**  
Increased urinary excretion of triiodothyronine /T3/ and thyroxine /T4/ and decreased serum thyrotropic hormone /TSH/ induced by motion sickness p0079 A78-21742
- HACK, A.**  
Respirator studies for the Nuclear Regulatory Commission. Protection Factors for supplied-air respirators [LA-7098-PB] p0256 N78-29760



- HAGAN, G. J.  
Are microwave cataracts thermally caused?  
p0169 N78-22616
- HAGAN, R. D.  
Plasma volume changes with movement to supine and standing positions  
p0297 A78-52541
- HAGBERG, J. E.  
Transient O2 uptake response at the onset of exercise  
p0082 A78-23604  
Rapid changes in left ventricular dimensions and mass in response to physical conditioning and deconditioning  
p0220 A78-42847  
Oxygen consumption during constant-load exercise  
p0297 A78-52540
- HAGEN, E.  
Monocular vision and landing performance in general aviation pilots - Cyclops revisited  
p0132 A78-29539
- HAGER, A.  
Relations between light-induced xanthophyll conversion and the hill reaction  
[NRC/CWR-TT-1921]  
p0207 N78-25751
- HAGIHARA, H.  
Human engineering data for aircraft design. II - Aircrew station controls and displays: Assignment, location, and actuation for fixed wing aircraft  
p0001 A78-10196  
Auditory evoked potentials elicited by tones and voice as the alarm signal  
p0191 A78-36328  
A review of human factors engineering studies at Aeromedical Laboratory  
p0293 A78-51498
- HAGIN, W. V.  
Verbal prescriptive rules in cognitive pretraining for the vertical S-A training maneuver  
[AD-A050971]  
p0254 N78-29749  
Measuring pilot proficiency on an instrument training maneuver  
[AD-A050972]  
p0255 N78-29755
- HAINAUT, J.  
Alpha-2-macroglobulin dosage, protamine test, and vascular-risk factors detected in civilian and military flight personnel  
p0059 A78-20555  
The influence of tobacco from a medical standpoint on French pilots  
p0094 N78-17660
- HAINES, R. F.  
A layout designer's data projection reticle  
p0054 A78-18823  
Visual response time to colored stimuli in peripheral retina - Evidence for binocular summation  
p0294 A78-51871
- HAISTY, W. K.  
Computer analysis of the orthogonal electrocardiogram and vectorcardiogram in 257 patients with aortic valve disease  
p0026 A78-14647
- HALLICK, T. H.  
Technology advancement of the electrochemical CO2 concentrating process  
[NASA-CR-152098]  
p0182 N78-22723
- HALPERIN, P.  
Eye muscle potentiation does not account for adaptation in distance perception based on oculomotor cues  
p0036 A78-16824
- HALSTEAD, T. W.  
Publications of the space biology program for 1975-1977: A special bibliography  
[NASA-TM-79324]  
p0092 N78-17647
- HALTER, M. C.  
On the spatial breadth of spatial frequency channels in human visual detection  
p0039 N78-12654
- HALVORSON, H. O.  
Some general principles of planetary quarantine leading to an assessment of the limitations to growth of micro-organisms on Uranus and Neptune  
p0028 A78-15188
- HANLIN, R. L.  
Cardiovascular, renal and respiratory effects of high intensity, intermediate duration, low frequency vibration  
[AD-A050158]  
p0247 N78-28784
- HANCHETT, A.  
Information profiles on potential occupational hazards  
[PB-276678/0]  
p0180 N78-22712
- HANCOCK, R. E.  
Acoustic evaluation of an aircraft canopy fracture emergency egress system  
p0141 A78-32136
- HANCOCK, W. E.  
Manual optimization of ill-structured problems  
p0238 A78-44500
- HANDA, Y.  
Application of factor analysis to electroencephalogram  
p0001 A78-10197  
Evaluation method of mental workload under flight conditions  
p0215 A78-41168
- HANDY, W. E.  
Development of a single-unit, multioutput sensing element in a force platform for use in biomechanics applications  
p0228 N78-27742
- HANNAN, P. J.  
Algae, ultraviolet light, and the production of trace gases  
[AD-A049441]  
p0148 N78-21748
- HANNENHAN, G. D.  
A study of effects of hyperthermia on large, short-haired male dogs: A simulated air transport environmental stress  
[AD-A040432/7]  
p0005 N78-10683  
Radiobiological aspects of high altitude flight: Relative biological effectiveness of fast neutrons in suppressing immune capacity to an infective agent  
[AD-A053204]  
p0230 N78-27756
- HANNIBALSSON, I.  
Identification of finite state models of a human operator  
[AD-A053017]  
p0209 N78-25768
- HANNOON, C.  
Microbiology and space  
p0174 N78-22663
- HANSON, P. G.  
Regulation of CSF /HC03-/ during long-term hypoxic hypocapnia in man  
p0103 A78-26923
- HABA, K.-I.  
Neuronal network in the retina - Interactions between photoreceptors /cones/ and horizontal cells  
p0296 A78-52444
- HABIBIN, A. L.  
Normobaric hyperoxia: A new look  
p0246 N78-28779
- HARDY, J. C.  
Restraining mechanism  
[NASA-CASR-HSC-13054]  
p0097 N78-17677
- HAREL, D.  
Influence of a GABA transaminase inhibitor on central nervous system oxygen toxicity  
p0214 A78-41160
- HARLAN, W. E.  
Longevity in military pilots - 37-year followup of the Navy's '1000 Aviators'  
p0266 A78-48087
- HARLOW, H. W.  
Biodynamic model of a parachutist  
p0075 A78-21712  
Comprehensive, three-dimensional head-neck model for impact and high-acceleration studies  
p0075 A78-21716
- HARO, P. J.  
Loss of circadian rhythmicity in body temperature and locomotor activity following suprachiasmatic lesions in the rat  
p0267 A78-48576
- HARRAH, C. B.  
Conceptual stress study model  
p0077 A78-21728  
Biomechanical and performance response of man in six different directional axis vibration environments  
[AD-A052069]  
p0188 N78-23739
- HARRIS, C. S.  
Effects of infrasound on cognitive performance

- HARRIS, F. J. p0139 A78-31842  
Physiological evaluation of pulmonary dilutional and enzymatic activity on blood-borne catecholamines in cardiocirculatory performance p0055 A78-19132
- HARRIS, L. D.  
Regional lung expansion at total lung capacity in intact vs. excised canine lungs p0297 A78-52539
- HARRIS, R. C.  
Phosphagen and lactate contents of m. quadriceps femoris of man after exercise p0033 A78-15522
- HARRIS, R. L., SR.  
Instructor and student pilots' subjective evaluation of a general aviation simulator with a terrain visual system [NASA-TN-78698] p0189 A78-23746
- HARRIS, S. L.  
Description and analysis of the Hewlett-Packard 78220 arrhythmia monitoring system [AD-A055451] p0283 A78-31720
- HARRIS, W. T.  
Motion - Methods and requirements [AIAA 78-1576] p0290 A78-50657  
Time delays in flight simulators - Behavioral and engineering analyses [AIAA 78-1596] p0291 A78-50670
- HARRISON, D. C.  
Measurement of the human magnetic heart vector p0048 A78-17265  
Superconducting magnetometry for the detection of heart disease [PB-271950/8] p0044 A78-13735
- HARRISON, E. A.  
Biological productivity in fresh water environments, volume 2. A bibliography with abstracts [NTIS/PS-78/0293] p0203 A78-24786  
Biological effects of microwaves. A bibliography with abstracts [NTIS/PS-78/0432/1] p0254 A78-29745  
Hypothermia. A bibliography with abstracts [NTIS/PS-78/0517/9] p0277 A78-30816  
Cold weather stress on humans. A bibliography with abstracts [NTIS/PS-78/0540/1] p0284 A78-31732  
Altitude hypoxia. A bibliography with abstracts [NTIS/PS-78/0443] p0310 A78-32711  
Hyperbaric oxygenation. A bibliography with abstracts [NTIS/PS-78/0676/3] p0316 A78-33724
- HARRISON, G.  
Cosmic ray effects on the eyes of rats flown on Cosmos no. 782, Experiment K-007 p0078 A78-21736
- HARRISON, H. H.  
Relationships between ambient, cockpit, and pilot temperatures during routine air operations p0078 A78-21734  
Intravascular volume and tonicity as factors in the regulation of body temperature p0082 A78-23603  
Operational characteristics of liquid-conditioned suits p0242 A78-46415
- HART, J.  
Computer display and manipulation of biological molecules p0301 A78-53400
- HART, S. G.  
Required attention for synthesized speech perception for three levels of linguistic redundancy p0196 A78-37531
- HARTER, M. R.  
An objective indicant of binocular vision in humans - Size-specific interocular suppression of visual evoked potentials p0055 A78-19224
- HARTMAN, B. O.  
Aircrew fatigue in nonstop, transoceanic tactical deployments p0091 A78-16628
- HARTZELL, E. J.  
Good and poor tracking performance manifest in error and eye movement phase planes p0033 A78-15583
- HARVEY, G. A.  
Evaluation of automated ECG monitoring - Theoretical model based upon point process techniques p0001 A78-10063
- HARVEY, P.  
On the mechanical properties of the human intervertebral disc [AD-A053036] p0247 A78-28787
- HARVEY, S.  
Synthesis and biological screening of novel hybrid fluorocarbon hydrocarbon compounds for use as artificial blood substitutes [NASA-CR-155781] p0112 A78-18702
- HASBROOK, A. H.  
Disorientation training in FAA-certificated flight and ground schools - A survey p0241 A78-46406  
Disorientation training in FAA-certificated flight and ground schools: A survey [AD-A047718/2] p0126 A78-19768
- HASE, H.  
Neuronal network in the retina - Interactions between photoreceptors /cones/ and horizontal cells p0296 A78-52444
- HATFIELD, G.  
Functional equivalence of masking and cue reduction in perception of shape at a slant p0100 A78-26375
- HATTINGH, W. H. J.  
Biological testing of water reclaimed from purified sewage effluents p0206 A78-25747
- HATZF, H.  
Simulation responses of a control model of human skeletal muscle p0179 A78-22701  
A general myocybernetic control model of skeletal muscle [CSIR-SR-WISK-280] p0276 A78-30809
- HAUSKE, G.  
How presaccadic gratings modify postsaccadic modulation transfer function p0295 A78-51953
- HAVU, M.  
Lipid metabolism during exercise. I - Physiological and biochemical characterization of normal healthy male subjects in relation to their physical fitness p0292 A78-51300
- HAWGOOD, B. J.  
Influence of systemic factors on hyperbaric oxygen toxicity in the rat visual system p0018 A78-13269
- HAWKINS, L. H.  
Air ions and human performance p0195 A78-36677
- HAWTHORNE, E. W.  
Cardiovascular studies using the chimpanzee (Pan troglodytes) p0010 A78-11672
- HAY, A. E.  
Workload and fatigue-in-flight EEG changes p0298 A78-52640
- HAYES, J. H.  
Methane-producing bacteria - Natural fractionations of the stable carbon isotopes p0260 A78-47667
- HAYGOOD, B. C.  
Verbal prescriptive rules in cognitive pretraining for the vertical S-A training maneuver [AD-A050971] p0254 A78-29749  
Measuring pilot proficiency on an instrument training maneuver [AD-A050972] p0255 A78-29755
- HAYWOOD, L. J.  
Evaluation of automated ECG monitoring - Theoretical model based upon point process techniques p0001 A78-10063
- HAZARD, D. G.  
Symposium on Biological Effects and Measurement of Radio Frequency/Microwaves [HEW-PUBL-(FDA)-77-8026] p0166 A78-22591
- HEANEY, D. M.  
A preliminary human engineering evaluation of hyperbaric control systems [AD-A044044] p0040 A78-12661

- Safety considerations in human engineering of hyperbaric equipment  
[AD-A046839] p0068 N78-15701
- HEATH, D.  
Man at high altitude: The pathophysiology of acclimatization and adaptation p0002 A78-11957
- HEATHCOTE, D. G.  
Circumnutation and gravity p0172 N78-22646
- HEE, J.  
The effect of chronic exposure to pure oxygen at normal pressure in the mucous-ciliary function of air passages p0059 A78-20549
- HEER, E.  
Robots and manipulator systems. Part 2 p0136 A78-30501
- HEIMBURGER, G.  
Toxicological investigation of zinc and titanium smoke compositions. A literature study [FOA-C-40072-H2] p0254 N78-29744
- HEINRICH, W.  
Calculation of the radiobiological effects of heavy ions on eggs of *Artemia salina* flown in the Biostack experiments p0029 A78-15194
- HEINTZMAN, R. J.  
A unique approach to aerial refueling simulation for training boom operators [AIAA 78-1591] p0291 A78-50666
- HEINZE, W.  
Simulator study for the determination of the demands upon the pilot in the case of unconventional, spatially curved approach profiles p0273 A78-49406
- HELD, R.  
State reversals of optically induced tilt and torsional eye movements p0156 A78-34681
- HELFAUT, R. E.  
Relation between the site of origin of ventricular premature complexes and the presence and severity of coronary artery disease p0037 A78-17134  
Quantitative radionuclide angiography in the right anterior oblique view - Comparison with contrast ventriculography p0136 A78-30650
- HELGERSON, S. L.  
Methionine transport in *Halobacterium halobium* vesicles - Noncompetitive, asymmetric inhibition by L-Cysteine p0267 A78-48579
- HELL, W.  
Detectability of motion as a factor in depth perception by monocular movement parallax p0056 A78-19974  
Movement parallax - An asymptotic function of amplitude and velocity of head motion p0221 A78-43182
- HELLOT, M. F.  
Pulmonary gas exchange, diffusing capacity in natives and newcomers at high altitude p0302 A78-53711
- HELMS, S. J. S.  
Anaerobic utilization of phosphite and hypophosphite by *Bacillus* sp. p0301 A78-53625
- HEMANI, R.  
Biped stability considerations with vestibular models p0083 A78-23882
- HEMMATI, H.  
Endogenous histamine and promethazine-induced gastric ulcers in the guinea pig [NASA-TM-753411] p0305 N78-32668
- HEMSTREET, H. W., JR.  
Ocular hazards of picosecond and repetitive-pulsed lasers. Volume 1: Nd YAG laser (1064 nm) [AD-A053765] p0230 N78-27758  
Ocular hazards of picosecond and repetitive-pulsed lasers. Volume 2: Argon-ion laser (514.5 nm) [AD-A053766] p0231 N78-27759
- HENDRIX, D. L.  
The role of cell membranes in the regulation of lignification in pine cells [NASA-CR-157156] p0203 N78-24783
- HEWNESSY, R. T.  
Functional requirements and other design features of a manned system research facility [AD-A044234] p0042 N78-12672
- HEWNEY, M. B.  
Microbial exchange: Experiment AR-002 p0092 N78-17103
- HENRY, P. D.  
Myocardial contracture and accumulation of mitochondrial calcium in ischemic rabbit heart p0055 A78-19145
- HENSLEY, D.  
Evaluation of several methods of establishing plant cover by seeding on the roadside [PB-278275/3] p0228 N78-27739
- HENSON, D. B.  
Corrective saccades - Effects of altering visual feedback p0137 A78-30739
- HENTON, W. W.  
Free-operant avoidance and escape from microwave radiation p0166 N78-22593  
Microwave absorption and taste aversion as a function of 915 MHz radiation p0166 N78-22594
- HEPP, W.  
The measurement of tissue thickness and tissue compliance in man p0170 N78-22627
- HEPPNER, D. B.  
Prototype Bosch CO2 reduction subsystem for the RLSE experiment [NASA-CR-150504] p0067 N78-15693  
Technology advancement of the electrochemical CO2 concentrating process [NASA-CR-152098] p0182 N78-22723
- HERD, J. A.  
Cortisol-mediated synchronization of circadian rhythm in urinary potassium excretion p0049 A78-17646
- HERMAN, E.  
The loss of position constancy during pursuit eye movements p0137 A78-30738
- HERMANN, R. E.  
Effects of noise and hearing acuity upon visual depth perception and safety among humans [PB-280365/8] p0277 N78-30812
- HERMANN, G. A.  
Quantitative radionuclide angiography in the right anterior oblique view - Comparison with contrast ventriculography p0136 A78-30650
- HERMANN, R.  
Endocrine-metabolic cost of piloting F-104 G aircraft p0091 N78-16629
- HERMANSEN, L.  
Altered control of skin blood flow during exercise at high internal temperatures p0033 A78-15519
- HERMSMEYER, K.  
Choline acetyltransferase activity in heart - Evidence for neuronal and not myocardial origin p0055 A78-19144
- HEHN, S. C.  
Distribution of phytoplankton in Tennessee lakes [PB-280139/7] p0276 N78-30803  
Distribution of phytoplankton in Ohio lakes [PB-280140/5] p0276 N78-30804
- HERRINGTON, S. S.  
Verbal prescriptive rules in cognitive pretraining for the vertical S-A training maneuver [AD-A050971] p0254 N78-29749  
Measuring pilot proficiency on an instrument training maneuver [AD-A050972] p0255 N78-29755
- HERRON, R. E.  
Development of biostereometric experiments [NASA-CR-151726] p0208 N78-25759
- HERSHEY, R. L.  
Application of the response probability density function technique to biodynamic models p0076 A78-21719
- HESS, R. A.  
Prediction of pilot opinion ratings using an optimal pilot model p0003 A78-12449

- Dual-loop model of the human controller  
p0199 A78-39184
- HESTNES, A.  
Simulation of circumnutations - Behaviour under  
different g's  
p0269 A78-48684
- HEUSCHER, D. J.  
Processing of echocardiographic data for automatic  
detection of moving heart structures  
p0228 A78-27741
- HEYNDRICKX, G. R.  
Extent of utilization of the Frank-Starling  
mechanism in conscious dogs  
p0154 A78-33522
- HEYSEN, R. C.  
Medical ultrasonic tomographic system  
[NASA-CR-155269]  
p0040 A78-12659  
Tissue identification by ultrasound  
[NASA-CR-157776]  
p0314 A78-33716
- HIATT, P. A.  
Distribution of phytoplankton in Tennessee lakes  
[PB-280139/7]  
p0276 A78-30803  
Distribution of phytoplankton in Ohio lakes  
[PB-280140/5]  
p0276 A78-30804
- HICKEY, C. A., JR.  
A human factors evaluation of an experimental  
reversible extreme cold weather clothing ensemble  
[AD-A046620]  
p0067 A78-15696
- HICKSON, R. C.  
Rapid changes in left ventricular dimensions and  
mass in response to physical conditioning and  
deconditioning  
p0220 A78-42847
- HIEBERT, R. D.  
Laser backscattering measurements on biological  
cells: Preliminary results  
[LA-UR-76-2462]  
p0085 A78-16588
- HIGENBOTTAM, C.  
Relationships between ambient, cockpit, and pilot  
temperatures during routine air operations  
p0078 A78-21734
- HIGGINS, E. A.  
A study of effects of hyperthermia on large,  
short-haired male dogs: A simulated air  
transport environmental stress  
[AD-A040432/7]  
p0005 A78-10683  
Effects of lithium carbonate on performance and  
biomedical functions  
[AD-A044824/1]  
p0066 A78-15685  
Three reports relevant to stress in aviation  
personnel  
[AD-A051690]  
p0308 A78-32699  
The effects of altitude and two  
decongestant-antihistamine preparations on  
physiological functions and performance  
[AD-A054793]  
p0309 A78-32706
- HIGGINS, T. H.  
Application of the response probability density  
function technique to biodynamic models  
p0076 A78-21719
- HILADO, C. J.  
Effect of carbon monoxide and nitrogen dioxide on  
ICR mice  
p0081 A78-22494  
Studies with the USF/NASA toxicity screening test  
Method - Oxygen concentrations with various test  
conditions  
p0081 A78-22496  
Reproducibility of toxicity test data as a  
function of mouse strain, animal lot, and operator  
p0191 A78-36599
- HILDESHREINER, M.  
A rheological model for research on cochlear hypoxia  
p0300 A78-53394
- HILES, L. G.  
Circadian rhythm dissociation in an environment  
with conflicting temporal information  
p0299 A78-52699
- HILGERT, J. W.  
Distribution of phytoplankton in Tennessee lakes  
[PB-280139/7]  
p0276 A78-30803  
Distribution of phytoplankton in Ohio lakes  
[PB-280140/5]  
p0276 A78-30804
- HILL, J. E.  
Thermal analysis; Human comfort; Indoor  
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[PB-272862/4]  
p0069 A78-15704
- HILL, J. W.  
Study to design and develop remote manipulator  
systems  
[NASA-CR-152092]  
p0090 A78-16620
- HILL, L. E.  
Pitch and formant analysis of the voice in the  
investigation of pilot workshop  
p0287 A78-31750
- HILLYARD, S. A.  
The division of attention and the human auditory  
evoked potential  
p0105 A78-27748  
Long-latency evoked potentials to irrelevant,  
deviant stimuli  
p0105 A78-27749
- HINDS, J. E.  
Cardiovascular studies using the chimpanzee (Pan  
troglodytes)  
p0010 A78-11672
- HINDS, W. T.  
Compilation and assessment of microwave  
bioeffects, AO-02-01/EA81028: A selective  
review of the literature on biological effects  
of microwaves in relation to the satellite power  
system  
[PNL-2634]  
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- HINK, R. F.  
The division of attention and the human auditory  
evoked potential  
p0105 A78-27748
- HINSENKAMP, M.  
The application of in-vivo measurements of bone  
strain to Spacelab program. Preliminary results  
p0174 A78-22664
- HINTON, D. A.  
Adaptation of time line analysis program to single  
pilot instrument flight research  
[NASA-TN-78748]  
p0317 A78-33731
- HIRAHATSU, K.  
The effect of sound duration on annoyance  
p0294 A78-51841
- HIROSHIGE, T.  
Fast, rate-sensitive corticosteroid negative  
feedback during stress  
p0082 A78-23649  
Site of fast, rate-sensitive feedback inhibition  
of adrenocorticotropin secretion during stress  
p0082 A78-23650
- HIRSCH, S. E.  
Effects of repeated microwave irradiations to the  
albino rabbit eye  
p0168 A78-22615
- HISTAND, M. B.  
Transcutaneous measurement of volume blood flow  
[NASA-CR-155233]  
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- HJERSEN, D. L.  
Compilation and assessment of microwave  
bioeffects, AO-02-01/EA81028: A selective  
review of the literature on biological effects  
of microwaves in relation to the satellite power  
system  
[PNL-2634]  
p0315 A78-33720
- HO, H. S.  
Comparison of calculated absorbed dose rate  
distributions in phantom heads exposed to 2450  
MHz and 915 MHz plane wave and slot sources  
p0167 A78-22605  
Change in average absorbed dose rate of a group of  
mice under repeated exposure to 915 MHz  
microwave radiation  
p0167 A78-22606
- HOCHSTEIN, L. I.  
The metabolism of carbohydrates by extremely  
halophilic bacteria - The identification of  
lactobionic acid as a product of lactose  
metabolism by Halobacterium saccharovorum  
p0301 A78-53619
- HODGSON, T.  
Instrumentation for the measurement of the  
evaporative and radiative heat loss rates from  
man in a normal working mode  
p0278 A78-30819
- HODGSON, W. R.  
Investigation of arterial bloodgases at altitude  
using constant-flow oxygen masks  
p0161 A78-36160
- HOECKER, J. E.  
Information profiles on potential occupational  
hazards  
[PB-276678/0]  
p0180 A78-22712

- HOEKEMA, G. S.  
Design of a pyro-electric vidicon camera for  
medical thermography  
[THT-TM-77-009] p0113 N78-18707
- HOERNANN, E.  
A procedure for the evaluation of physiological  
measurements  
[DLR-IB-552-77/9] p0062 N78-14780
- HOFFMAN, J. E.  
Search through a sequentially presented visual  
display p0082 A78-23848
- HOFFMAN, R. A.  
Apollo-Soyuz light-flash observations p0029 A78-15191
- HOFFMAN, R. E.  
Effect of prehatching weightlessness on adult fish  
behavior in dynamic environments p0139 A78-31841
- Killfish hatching and orientation: Experiment  
MA-161 p0092 N78-17106
- HOFFMAN, W.  
Subjective Lorentz transformations and the  
perception of motion p0158 A78-35419
- HOFFMAN, W. C.  
A design procedure for control/display systems  
p0003 A78-12447
- General aviation pilot stall awareness training  
study  
[AD-A041310/4] p0008 N78-10705
- HOFFMAN, M. A.  
Visual workload of the copilot/navigator during  
terrain flight p0090 N78-16623
- Visual workload of the copilot/navigator during  
terrain flight  
[AD-A055038] p0286 N78-31742
- HOLLAND, L.  
Effects of respiration on cardiac performance  
p0192 A78-36604
- HOLLEMAN, C. L.  
Polymorphonuclear leukocyte response: Experiment  
MA-032 p0092 N78-17105
- HOLLISTER, W. M.  
General aviation pilot stall awareness training  
study  
[AD-A041310/4] p0008 N78-10705
- HOLLOWAY, H. C.  
The Use and Abuse of Social Drugs  
[AGARD-CP-218] p0094 N78-17658
- HOLM, G.  
Carbohydrate, lipid, and amino acid metabolism  
following physical exercise in man p0236 A78-43793
- HOLMQUIST, R.  
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Space Biology, Philadelphia, Pa., June 8-19, 1976  
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- Morphology of extremely heat-resistant spores from  
Bacillus sp. ATCC 27380 by scanning and  
transmission electron microscopy p0028 A78-15185
- A measure of the denseness of a phylogenetic network  
p0260 A78-47890
- HOLNESS, D. E.  
Protection against the physiological effects of  
positive pressure breathing p0160 A78-36151
- HOLTON, E. M.  
Experiment requirements: Vitamin D metabolites  
and bone demineralization, Spacelab 2,  
experiment no. 1  
[NASA-TM-79423] p0145 N78-20757
- HOLZER, G.  
Phytanyl-glycerol ethers and squalenes in the  
archaeobacterium Methanobacterium  
thermoautotrophicum p0260 A78-47892
- HONE, R.  
Binocular summation - A study of contrast  
sensitivity, visual acuity and recognition  
p0212 A78-40583
- HONICK, J. L.  
Postural equilibrium following exposure to  
weightless space flight p0035 A78-16014
- HOHEUBIA, V.  
Linear model for visual-vestibular interaction  
p0214 A78-41161
- HOON, R. S.  
Electrical impedance cardiogram in derivation of  
systolic time intervals p0154 A78-34082
- Alterations in left ventricular function in normal  
man on exposure to high altitude /3658 m/  
p0155 A78-34083
- Urinary catecholamine excretion in temporary  
residents of high altitude p0192 A78-36606
- HOPKINS, C. O.  
Human performance in aviation systems  
[AD-A050078] p0151 N78-21771
- HORDINSKY, J. E.  
Medical and psychological selection and training  
criteria for European SL-payload specialists  
[AAS PAPER 78-028] p0301 A78-53608
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[NASA-TM-79750] p0275 N78-30799
- HORNECK, G.  
Dosimetric and biological results from the  
Bacillus subtilis Biostack experiment within the  
ASTP p0267 A78-48598
- A special photoproduct in DNA, UV-irradiated in  
vacuo p0268 A78-48623
- Radiobiological problems of exobiology  
p0173 N78-22657
- HORNESTRA, G.  
Dietary fats and arterial thrombosis: Effects and  
mechanism of action p0180 N78-22711
- HOROWITZ, J. M.  
Controlled cellular energy conversion in brown  
adipose tissue thermogenesis p0299 A78-52698
- Effect of altered gravity on temperature  
regulation in mammals: Investigation of gravity  
effect on temperature regulation in mammals  
[NASA-CR-157570] p0275 N78-30797
- HOROWITZ, N. H.  
The search for life on Mars p0003 A78-12418
- HORSTMAN, D. H.  
The nature of the perception of effort at sea  
level and high altitude  
[AD-A051274] p0246 N78-28781
- Perception of effort during constant work to  
self-imposed exhaustion  
[AD-A051275] p0246 N78-28782
- HORVATH, P.  
Design of a system of man-computer communication  
p0293 A78-51640
- HORVATH, S. H.  
Effects of acute prolonged hypoxia on  
cardiovascular dynamics in dogs p0033 A78-15518
- Exercise-induced changes in blood ammonia levels  
in humans p0057 A78-20339
- Hypoxia, smoking history, and exercise  
p0161 A78-36155
- Plasma volume changes with movement to supine and  
standing positions p0297 A78-52541
- Physiological responses to cold  
[PB-273254/3] p0088 N78-16612
- Females and hot environments  
[PB-273257/6] p0089 N78-16613
- The effect of nitrogen dioxide on lung function in  
normal subjects  
[PB-277671/4] p0225 N78-26731
- HORWITZ, A. R.  
Survival and reversion of a stable L form in soil  
p0212 A78-40875
- HORWITZ, B. A.  
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regulation in mammals: Investigation of gravity  
effect on temperature regulation in mammals  
[NASA-CR-157570] p0275 N78-30797
- HOSKO, R. J.  
Effect of sojourn at 3200-m altitude on spinal  
reflexes in young adult males p0018 A78-13268

- HOUSE, K.  
Simulator pilot consoles for NAS enroute and ARTS  
3 facilities  
[AD-A047567/3] p0126 N78-19769
- HOUSTON, A. B.  
Two-dimensional echocardiography with a wide angle  
/60 deg/ sector scanner p0001 A78-10498
- HOUSTON, R. L.  
Multi-rigid-body system dynamics with applications  
to human-body models and finite-segment cable  
models  
[AD-A052868] p0227 N78-26743
- HOWARD, J. M.  
Human factors requirements for fingertip reach  
controls  
[PB-278811/5] p0250 N78-28808
- HOWARD, W. B.  
Tread drum for animals  
[NASA-CASE-ARC-10917-1] p0227 N78-27733
- HOWCROFT, H. J.  
Aspheric curvatures for the human lens p0025 A78-14418
- HOWELL, E. B.  
Implications of spatial summation models for  
processes of contour perception - A geometric  
perspective p0221 A78-43183
- HOWITT, J. S.  
Workload and fatigue-in-flight EEG changes p0298 A78-52640
- HOWLAND, B.  
A subjective method for the measurement of  
monochromatic aberrations of the eye p0036 A78-16083
- HOWLAND, R. C.  
A subjective method for the measurement of  
monochromatic aberrations of the eye p0036 A78-16083
- HOYLE, P.  
Does epidemic disease come from space p0036 A78-16700
- HRISTIC, D.  
New control concept of anthropomorphic manipulators p0136 A78-30508
- HSIAO, S. H.  
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[AD-A054991] p0282 N78-31716
- HUANG, J. T.  
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muscle - Role of carotid chemoreceptors p0297 A78-52542
- HUANG, T.-F.  
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in man and rat p0216 A78-41528
- HURSHAN, R. H.  
Apollo-Soyuz light-flash observations p0029 A78-15191  
Light flash observations: Experiment HA-106 p0091 N78-17100  
Design and construction of the Donner 280-crystal  
positron ring for dynamic transverse section  
emission imaging  
[LBL-5679] p0283 N78-31721
- HUPSCHMIDT, A.  
The angle of visual roll motion determines  
displacement of subjective visual vertical p0056 A78-19975
- HUGHES, I.  
Preliminary design of an accident information  
Retrieval System (AIRS)  
[AD-A055590] N78-31952
- HULL, D. H.  
Treatment of hypertension in aviators - A clinical  
trial with Aldactazide p0134 A78-29564
- HULTMAN, E.  
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femoris of man after exercise p0033 A78-15522  
Intracellular pH and bicarbonate concentration in  
human muscle during recovery from exercise p0297 A78-52545
- HUNE, L.  
The effects of exercise on the amplitude of the  
first heart sound in normal subjects p0057 A78-20361
- HUNT, B. I.  
Vibration, performance, and personality p0066 N78-15689
- HUNT, C. L.  
Materials safety data sheets: The basis for  
control of toxic chemicals, volume 2  
[ORNL/TM-5722] p0044 N78-13729  
Materials safety data sheets: The basis for  
control of toxic chemicals, volume 1  
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- HUNT, J. S.  
On the cysteine and cystine content of proteins -  
differences between intracellular and  
extracellular proteins p0049 A78-17854
- HUNT, R. A.  
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predictor information p0054 A78-18822
- HUNTER-DUVAR, I. M.  
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- HUNTER, E. D.  
G-seat component development  
[AD-A055533] p0318 N78-33740
- HUNTER, W. C.  
A new approach to ventricular dynamics: The  
flow-pulse response p0143 N78-20749
- HURST, M. W.  
Objective workload and behavioural response in  
airport radar control rooms p0259 A78-47491  
Objective job difficulty, behavioural response,  
and sector characteristics in air route traffic  
control centres p0293 A78-51348
- HURYCH, J.  
Effect of intermittent high altitude hypoxia on  
the synthesis of collagenous and non-collagenous  
proteins of the right and left ventricular  
myocardium p0235 A78-43747
- HUSHOW, J.  
Air pollution assessment of vinylidene chloride  
[PB-280624/8] p0310 N78-32714
- HUSTON, J. C.  
Comprehensive, three-dimensional head-neck model  
for impact and high-acceleration studies p0075 A78-21716
- HUSTON, R. L.  
Biodynamic model of a parachutist p0075 A78-21712  
Comprehensive, three-dimensional head-neck model  
for impact and high-acceleration studies p0075 A78-21716
- HUTTO, G. L.  
Job attitudes of airway facilities personnel  
[AD-A046412] p0096 N78-17671
- HYACINTHE, R.  
Modifications of pulmonary surfactant under  
hyperbaric conditions in rats - Role of oxygen  
and diluting gas under partial pressure p0058 A78-20543
- HYATT, R. E.  
Static mechanical properties of bronchi in normal  
excised human lungs p0235 A78-43787
- HYATT, S. C.  
Behavioral and physiological correlates of varying  
noise environments  
[PB-271713/0] p0046 N78-13745
- IABLONKO, I. P.  
Analysis of manual control of spacecraft movement  
by means of a mathematical model of a human  
operator p0021 A78-13580
- IAICHNIKOV, I. K.  
Generalized EEG changes in the rabbit during  
selective cooling and heating of the posterior  
hypothalamus p0072 A78-21195
- Influence of local increase in the temperature of  
the anterior hypothalamus on the bioelectrical

- activity of the brain p0081 A78-22499
- IAKISHENKO, M. A.  
Oxygen consumption and some indicators of external respiration during cold adaptation p0072 A78-21180  
Temperature sensitivity of man to cold p0156 A78-34786
- IAKOVLEV, N. N.  
Metabolic characteristics of rapidly and slowly developing fatigue p0238 A78-44217  
Metabolic structure of the recovery process following various physical stresses p0303 A78-53791
- IAKOVLEV, V. G.  
Algorithms for separating bursts on physiological curves p0105 A78-27696
- IAKOVLEV, I. IA.  
Selection and training of cosmonauts for flights in Soyuz spacecraft p0193 A78-36628  
Medical observations and investigations p0194 A78-36634  
Features of statokinetic reactions p0194 A78-36635
- IAKSHINA, V. N.  
Physiology of xerophytic micro-organisms growing under Martian conditions p0027 A78-15182
- IAKUBOVICH, V. A.  
Thematic filtering algorithms and their use in recognition of complex images p0156 A78-34962
- IAKOVSKIY, G. A.  
Pathways participating in conducting osteoreceptive signals to the Deiters vestibular nucleus p0197 A78-37856
- IAKOV, IU. K.  
Effect of vestibular and optokinetic stimuli on the speed of processing information by an operator p0137 A78-30785
- IAKOSHINS, A. V.  
Biological experiments on the orbital station Salyut 4 p0030 A78-15207
- IAKULLIN, KH. KH.  
Effect of space flights on blood circulation and gas exchange during functional loading p0194 A78-36636
- IBRAGIMOV, IU. I.  
Compensatory and adaptive responses of the mesentery microcirculation bed in rats undergoing hypoxia p0137 A78-31250
- IGNATOV, I. V.  
Methods of irradiating biological objects and results of dosimetry onboard the Kosmos-690 satellite p0306 A78-32680
- IBLE, G. N.  
Electrical and biological effects of transmission lines: A review [BPA-BIO-77-1] p0315 A78-33722
- IIDA, N.  
Influence of plasma layer on steady blood flow in microvessels p0099 A78-25234
- IKELS, K. G.  
Molecular sieve generation of aviator's oxygen: Breathing gas composition as a function of flow, inlet pressure, and cabin altitude [AD-A054240] p0278 A78-30822
- IKENO, J.  
The effect of sound duration on annoyance p0294 A78-51841
- ILIN, B. A.  
Radiobiological experiment aboard the biosatellite Cosmos-690 p0079 A78-21739
- ILIN, G.  
Space suit used aboard Salyut-6 described p0234 A78-28038  
Development of modern spacesuits p0312 A78-33034
- ILIN, V. N.  
The hypothalamus and the visual system p0081 A78-22075
- ILIN, Y. A.  
Main objectives and results of the radiobiological experiment conducted on the Kosmos-690 biosatellite p0111 A78-18688  
Fluid-electrolyte metabolism in albino rats after a flight on the Kosmos-690 biosatellite p0175 A78-22672
- ILINA-KARUYEVA, Y. I.  
State of rat muscle motoneuron system in the case of restricted mobility p0175 A78-22674
- ILINSKIY, O. B.  
Electroreceptors in man and other animals p0280 A78-31696
- ILIUKHINA, V. A.  
Extremely slow bioelectrical processes of the human brain in mechanisms of memory modulation p0051 A78-18531
- ILIUTKIN, G. N.  
Mathematical modeling of arterial pressure transient processes during the action of vasoactive substances p0214 A78-41014
- ILYUSHKO, N. A.  
Fluid-electrolyte metabolism in albino rats after a flight on the Kosmos-690 biosatellite p0175 A78-22672
- IMANKULOV, D. I.  
Physical fitness of permanent lowland and highland residents p0306 A78-32679
- IMSHENETSKII, A. A.  
Resistance of stratospheric and mesospheric micro-organisms to extreme factors p0027 A78-15180  
Physiology of xerophytic micro-organisms growing under Martian conditions p0027 A78-15182  
Microorganisms of the upper layers of the atmosphere and protective role of their cell pigments p0269 A78-48712
- INDLIN, IU. A.  
Signal detection in psychoacoustics p0003 A78-12000
- INDOVINA, P. L.  
Radio protection and diagnosis with X-rays p0145 A78-20760
- INDYK, L.  
Development and clinical evaluation of blood gas sensors for continuous monitoring (adult and neonate) [PB-271809/6] p0045 A78-13736
- INGRAHAM, L. H.  
The need for drug and alcohol programs that are unique to military organizations p0094 A78-17659
- INGRAN, P.  
Tolerance and cross-tolerance using NO<sub>2</sub> and O<sub>2</sub>. II - Pulmonary morphology and morphometry p0130 A78-29031
- INWITZER, J.  
Functional evidence of efferent nerve endings in the human inner ear p0300 A78-53393
- INSELBERG, A.  
Cochlear dynamics - The evolution of a mathematical model p0141 A78-32196
- IRISH, P. A., III  
Effects of platform motion, visual and G-seat factors upon experienced pilot performance, in the flight simulator [AD-A055691] p0318 A78-33739
- ISAACSON, N.  
Microbiological quality and epidemiological aspects of reclaimed water p0207 A78-25749
- ISABELLE, D. B.  
Effects of X-rays on the rat retina and on rhodopsin p0172 A78-22644
- ISAEV, G. G.  
Analysis of the regulation of human respiration in transient and stable periods of muscle activity p0213 A78-41010  
Criteria for quantitative evaluation of respiratory system responses

- ISAKOV, P. K. p0302 A78-53790  
Psychophysiological characteristics of pilot activity during low-altitude flights over the sea p0266 A78-48410
- ISHAY, J. S.  
Hornet building orientation in a vertically rotating centrifuge p0269 A78-48713  
Hypergravity - Its effect on the estrous cycle and hormonal levels in female rats p0270 A78-48722
- ISHAY, Z. J.  
Hornet building orientation in a vertically rotating centrifuge p0269 A78-48713
- ISHIJIMA, H.  
Noninvasive, real-time examination of atrioventricular conduction system p0178 N78-22695
- ISHNUKHANETOVA, D. N.  
Hemopoiesis in dogs exposed to lethal doses of protons with shielded bone marrow p0116 N78-18728
- ITKIN, G. P.  
A mathematical model of anaerobic energy metabolism for evaluating the mechanisms of oxygen debt formation p0105 A78-27713
- ITO, K.  
On the predictive, precognitive and preview manual tracking systems p0160 A78-35924
- ITO, H.  
On the predictive, precognitive and preview manual tracking systems p0160 A78-35924
- IUROV, S. S.  
Apollo-Soyuz test project on biorhythm of zone-forming fungi - Preliminary work p0031 A78-15212  
Genetic effects of cosmic radiation on bacteriophage T4Br/+ - On materials of biological experiment 'Soyuz-Apollo' p0269 A78-48682
- IVANENKO, L. S.  
Changes in electrocerebellograms and automatic reactions of rats to accelerations p0307 N78-32684
- IVANENKO, V. D.  
Theoretical limit to the contrast sensitivity of the human visual analyzer p0154 A78-33817
- IVANOV-MUROHNSKII, K. A.  
Systematic approach to the study of intrabrain regulation p0131 A78-29067
- IVANOV, A. A.  
Heterophilic antibodies and complement activity of rat blood serum after flight in Kosmos-605 satellite p0116 N78-18731
- IVANOV, E. A.  
Method of evaluating the work capacity of pilots and astronauts p0262 A78-47962  
Visual work capacity under the action of overloads and elevated temperature p0263 A78-47972  
Spaceflight stress factors and the ability to track p0263 A78-47973  
Mechanisms of self-regulation of the functional system of tracking in normal and pathological states p0263 A78-47979  
Some aspects of depth perception in space p0264 A78-47981  
The recognition of objects against a model of cosmic sky p0264 A78-47983
- IVANOV, G. P.  
Efficiency of the myocardium after adaptation to hypoxia p0072 A78-21197
- IVANOV, I. I.  
Effects of weightlessness and hypokinesia on contractility of bundles of glycerin-treated rat muscle fibers p0307 N78-32689

- IVANOV, K. P.  
Blood flow velocity in brain capillaries during hypoxia p0053 A78-18562  
Increased heat production of muscular contraction after cold adaptation p0237 A78-44009  
Blood flow speed in microvessels of skeletal muscle p0241 A78-45987
- IVANOV, L. A.  
Effect of 6-day hypokinesia on oxygen metabolism indices in elderly and senile subjects [NASA-TM-75521] p0230 N78-27753
- IVANOV, M. I.  
Effect of high-intensity impulse noise on the hearing organ p0103 A78-27098
- IVANOV, S. L.  
Changes in protein metabolism during prolonged hypokinesia p0154 A78-33467
- IVANOV, V.  
Development of modern spacesuits p0312 N78-33034
- IZAKOV, V. IA.  
Mathematical model of the contractile activity and the chronoinotropism of the myocardium p0270 A78-48755
- IZOSIMOV, G. V.  
Means for optimization of group interaction under conditions of prolonged isolation p0022 A78-13594

## J

- JACKSON, F. S.  
The cardiovascular fitness of airline pilots - Report of a working party of the Cardiology Committee of the Royal College of Physicians of London p0159 A78-35850
- JACOBS, J. H.  
Biocontamination and particulate detection system [NASA-CASE-NPO-13953-1] p0165 N78-22587
- JACOBS, R. J.  
Visual detection of commencement of aircraft takeoff runs p0101 A78-26735
- JACQUOT, C.  
Preliminary results of the Biobloc experiment on the Cosmos 782 flight - Effects of cosmic rays on brine shrimp eggs and tobacco seeds p0029 A78-15195
- JAFFE, R. A.  
Electrophysiologic and pharmacologic properties of mammalian sensory neurons p0227 N78-27732
- JAGCINSKI, R. J.  
Describing the human operator's internal model of a dynamic system p0272 A78-49273
- JAGENBURG, R.  
Carbohydrate, lipid, and amino acid metabolism following physical exercise in man p0236 A78-43793
- JAHNS, D. W.  
Operator workload assessment model: An evaluation of a VF/VA-V/STOL system p0288 N78-31757
- JAIN, S. C.  
Body fluid compartments in rabbits on exposure to acute hypobaric hypoxia p0215 A78-41163  
Haematologic changes in rabbits during acclimatization, deacclimatization, and reinduction to hypoxia p0241 A78-46407
- JALOWAYSKI, A. A.  
Continuous distributions of specific ventilation recovered from inert gas washout p0131 A78-29033
- JAHNS, L. R.  
Moderator analysis based on subgrouping: Problems arising from the use of standardized variables [AD-A047892] p0096 N78-17674
- JAHNS, L. S.  
Development and clinical evaluation of blood gas sensors for continuous monitoring (adult and neonate)



- [PB-271809/6] p0045 N78-13736  
**JAMPOLSKY, A.**  
 Influence of socially used drugs on vision and vision performance
- p0094 N78-17663  
**JANICKI, J. S.**  
 Myocardial oxygen consumption - The role of wall force and shortening
- p0019 A78-13483  
**JANSEN, P. A. A.**  
 Effects of hard radiation on the visual pigment rhodopsin
- p0172 N78-22645  
**JANSEN, G. R.**  
 Storbility investigations of water long-term storage evaluation [AD-A049189] p0127 N78-19776
- JANUSEVIC, M.**  
 Behavior of certain biochemical indices of the blood of rats subjected to +Gz accelerations according to different programs in tests to the tolerance limit p0106 A78-28320  
 Influence of specific and nonspecific training on +Gz acceleration tolerance of rats p0106 A78-28321
- JARVIS, E. A.**  
 Some observations on the human visual perception system and their relevance to computer vision research [PB-277938/7] p0225 N78-26729
- JASTROW, E.**  
 Until the sun dies p0084 A78-24100
- JATCZAK, J.**  
 The possibility of studying ageusia during weightlessness by the electrogustometric method p0106 A78-28325
- JAUZAC, P.**  
 Cerebral circulation in weightlessness: Comparison and validation of different methods p0170 N78-22626
- JEFFERS, E. L.**  
 Method and apparatus for eliminating luminol interference material [NASA-CASE-MSC-16260-1] p0109 N78-18674  
 Rapid, quantitative determination of bacteria in water [NASA-CASE-GSC-12158-1] p0165 N78-22585  
 Method and apparatus for continuous measurement of bacterial content of aqueous samples [NASA-CASE-MSC-16779-1] p0165 N78-22586  
 Method and automated apparatus for detecting coliform organisms [NASA-CASE-MSC-16777-1] p0165 N78-22588  
 Water quality monitoring system [NASA-CASE-MSC-16778-1] p0165 N78-22589
- JEPFREYS, D. A.**  
 Evoked potential evidence of adaptation to spatial Fourier components in human vision p0236 A78-43923
- JENKINS, E. A.**  
 Linear model for visual-vestibular interaction p0214 A78-41161
- JENKINS, E. B.**  
 Automated tracking of the Florida manatee (Trichechus manatus) [NASA-CR-157040] p0207 N78-25752
- JENNIE, E.**  
 Noninvasive recording of electrical activity in the PR segment in man p0136 A78-30724
- JENNINGS, A. E.**  
 An investigation of time-sharing ability as a factor in complex performance p0054 A78-18821  
 Effects of lithium carbonate on performance and biomedial functions [AD-A044824/1] p0066 N78-15685  
 The effects of altitude and two decongestant-antihistamine preparations on physiological functions and performance [AD-A054793] p0309 N78-32706
- JESSOP, E. E.**  
 Dynamic response of human and primate head and neck to lateral Gy impact statement [PB-275448/9] p0146 N78-20770
- JEWITT, D.**  
 The cardiovascular fitness of airline pilots - Report of a working party of the Cardiology Committee of the Royal College of Physicians of London p0159 A78-35850
- JEX, H. R.**  
 Biomechanical models for vibration feedthrough to hands and head for a semisupine pilot p0077 A78-21727
- JEINGRAW, S.**  
 Evaluation of thallium-201 scanning for detection of latent coronary artery disease [NASA-CR-151662] p0144 N78-20756
- JOAS, J. G.**  
 Accurately reproducing pilot's control forces in a flight simulator [AIAA 78-1585] p0290 A78-50663
- JOCKEY, P.**  
 Thermal characterization of superficial living tissues which have undergone different types of trauma [ONERA, TP NO. 1978-35] p0200 A78-39581
- JOHANSEN, G.**  
 Contributions regarding work load measurement and learning behavior in simulated STOL approaches p0296 A78-52499
- JOHANSSON, E.**  
 Can attention be diverted? [RAE-LIB-TRANS-1936] p0181 N78-22715
- JOHNSON, D. L.**  
 Effects of infrasound on cognitive performance p0139 A78-31842
- JOHNSON, E.**  
 Longevity in military pilots - 37-year followup of the Navy's '1000 Aviators' p0266 A78-48087
- JOHNSON, G. L.**  
 The helmet protects the aviator's head - or does it [AD-A088574] p0121 N78-18766
- JOHNSON, H. L.**  
 The effects of abrupt altitude exposure (4300 m) upon the metabolism of glucose-14 C-UL in man [AD-A051764] p0247 N78-2878
- JOHNSON, J.**  
 Constraining nonmetric multidimensional scaling configurations [AD-A045800] p0045 N78-13740
- JOHNSON, J. C.**  
 Comparison of analysis techniques for electromyographic data p0078 A78-21735  
 Helmet cold conditioning: Correlation of structural temperatures in actual and simulated cold environments [AD-A050033] p0151 N78-21769
- JOHNSON, J. D.**  
 Wrist joint assembly [NASA-CASE-NPS-23311-1] p0096 N78-17676
- JOHNSON, J. E.**  
 Micro-fluid exchange coupling apparatus [NASA-CASE-ARC-11114-1] p0315 N78-33717
- JOHNSON, J. E., JR.**  
 Spectrophotofluorometric and electron microscopic study of Lipofuscin accumulation in the testis of aging mice p0267 A78-48581
- JOHNSON, J. E.**  
 Altered control of skin blood flow during exercise at high internal temperatures p0033 A78-15519
- JOHNSON, P. C.**  
 Evaporative water loss in man in a gravity-free environment p0297 A78-52543  
 Evaluation of thallium-201 scanning for detection of latent coronary artery disease [NASA-CR-151662] p0144 N78-20756
- JOHANSSON, A.**  
 Simulation of circumnutations - Behaviour under different g's p0269 A78-48684
- JOHNSTON, A. W.**  
 Visual detection of commencement of aircraft takeoff runs p0101 A78-26735
- JOHNSTON, E. A.**  
 Application of commercially available filter components for psychoacoustic testing p0273 A78-49898

- JOHNSTON, J. D.  
End effector device  
[NASA-CASE-MFS-23692-1] p0127 N78-19773  
Pneumatic inflatable end effector  
[NASA-CASE-MFS-23696-1] p0312 N78-32724
- JOHNSTON, R. S.  
Summary of past findings in biomedical research  
accumulated during Apollo and Skylab missions  
p0169 N78-22620
- JOHNSTONE, D. M.  
The UK approach to alcoholism in air crew  
p0094 N78-17661
- JOKL, E.  
The role of exercise in internal medicine  
p0158 A78-35649
- JONES, B.  
Effects of fixed versus variable reference  
frequencies on psychophysical judgments of  
vibration  
p0133 A78-29543  
An equal sensation study of seated subjects in  
three translational modes  
p0155 A78-34086
- JONES, B. E. V.  
Milk secretion of Zn-65 in the goat after oral  
intake of radiozinc  
[FOA-C-40069-A3] p0252 N78-29731  
Metabolism of 181W-labeled sodium tungstate in goats  
[FOA-C-40070-A3] p0252 N78-29732
- JONES, K. L.  
Lander imaging as a detector of life on Mars  
p0002 A78-11437
- JONES, P. D.  
Noise exposure, monitoring and tracking  
performance as a function of signal bias and  
task priority  
p0195 A78-36676
- JONES, R. M.  
Spatial sensitization as a function of delay  
p0025 A78-14415
- JONES, R. T.  
Influence of socially used drugs on vision and  
vision performance  
p0094 N78-17663
- JOHNSON, A.  
Can attention be diverted?  
[RAE-LIB-TRANS-1936] p0181 N78-22715
- JORDAN, D.  
Atrial flutter - Electrocardiographic,  
vectorcardiographic and echocardiographic  
correlation  
p0271 A78-49150
- JORDAN, R. A.  
Breathing effects of a parachute harness secured  
over an inflated lifejacket  
p0201 A78-39673
- JOSEPH, S. G.  
Alternatives for future undergraduate pilot training  
[AD-A053374] p0254 N78-29750
- JOSEPHSON, J. T.  
Manned maneuvering unit - A space platform support  
system  
[AIAA PAPER 78-1663] p0295 A78-51990
- JOSSINET, J.  
Attempt at the detection of muscular bubbles  
through measurement of bioelectric impedance -  
First experimental results with affected rats  
and dogs  
p0058 A78-20541
- JUCHNES, J.  
Theoretical considerations on the determining  
factors of V-O2 max  
p0056 A78-20150
- JUDGE, T. H.  
Evaluation of US Air Force survival/armor vest in  
US Army OH-58 helicopters  
[AD-A044842] p0042 N78-12675
- JUROS, L.  
Fluid-electrolyte shifts and maximal oxygen uptake  
in man at simulated altitude /2,287 m/  
p0192 A78-36602
- JUKES, T. H.  
Codons and nearest-neighbor nucleotide pairs in  
mammalian messenger RNA  
p0219 A78-42846  
Neutral changes during divergent evolution of  
hemoglobins  
p0260 A78-47893
- JUNGCK, J. E.  
The genetic code as a periodic table  
p0260 A78-47889
- JUNIPER, B. B.  
Testing the mechanism of gravity sensing in plants  
p0172 N78-22647
- JUNKER, A. M.  
Recent advances in modelling the effects of roll  
motion on the human operator  
p0077 A78-21730  
A model for the pilot's use of motion cues in  
steady-state roll-axis tracking tasks  
[AIAA 78-1593] p0291 A78-50668  
A model for the pilot's use of motion cues in  
roll-axis tracking tasks  
[AD-A043690] p0008 N78-10706
- JUNOD, T. L.  
Toxic substances alert program  
[NASA-TN-73866] p0144 N78-20755
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potentials: Preliminary observations of guinea  
pigs  
p0166 N78-22596  
Compilation and assessment of microwave  
bioeffects, A0-02-01/EA81028: A selective  
review of the literature on biological effects  
of microwaves in relation to the satellite power  
system  
[PNL-2634] p0315 N78-33720

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- KACK, B.  
The squirrel monkey as a candidate for space flight  
p0010 N78-11676
- KABACHENKO, A. N.  
Cataractogenic effect of 25 and 50 MeV protons  
p0119 N78-18751
- KAEHNERER, E.  
The effect of the benzodiazepine adumbran on the  
resting and sleep EEG and on the visual evoked  
potential in adult man  
[RAE-LIB-TRANS-1906] p0187 N78-23736
- KAILATH, T.  
Biocybernetic factors in human perception and memory  
[AD-A043773] p0007 N78-10702
- KAKURIN, L. I.  
Purpose of the piloted Soyuz spacecraft and  
medical-biological investigations  
p0193 A78-36627  
Medical monitoring and prognosis of cosmonauts  
during flight  
p0193 A78-36632  
Features of statokinetic reactions  
p0194 A78-36635  
Effect of space flights on blood circulation and  
gas exchange during functional loading  
p0194 A78-36636  
Preliminary results of medicobiological studies  
performed during Soyuz-19 and Apollo flights  
p0194 A78-36642  
Application and effectiveness of prophylactic  
devices in model experiments  
[NASA-TN-75074] p0088 N78-16609  
Technique for selective catheterization of the  
heart and great vessels used in biomedical  
studies of healthy individuals  
p0110 N78-18686  
The role of skeletal muscle tone in regulation of  
orthostatic circulation  
p0125 N78-19765  
Diuretic renal function in man as related to  
different degrees of exercise during bedrest  
p0305 N78-32675
- KAKURIN, L. I.  
Space flights on Soyuz spacecraft: Biomedical  
studies  
p0193 A78-36626
- KALINICHENKO, V. V.  
Cardiovascular response during manned space flights  
[IAF PAPER 77-252] p0034 A78-15931  
Effect of space flights on blood circulation and  
gas exchange during functional loading  
p0194 A78-36636

- Dynamics of orthostatic stability of cosmonauts following 2 to 63 day missions p0115 N78-18720
- KALININA, M. K.  
Blood flow velocity in brain capillaries during hypoxia p0053 A78-18562  
Blood flow speed in microvessels of skeletal muscle p0241 A78-45987  
A microcinematographic method of studying the rate of circulation in the brain capillaries p0296 A78-52400
- KALITA, N. P.  
Exchange-endocrine processes p0194 A78-36637  
Blood plasma corticosterone in rats after flight in Kosmos-690 biosatellite p0177 N78-22684
- KARIN, A.  
Biological experiments on board Salyut-6 p0319 N78-34032
- KAMPER, D. G.  
Alterations of postural and Valsalva responses in coronary heart disease p0055 A78-19146
- KANEKO, M.  
Fast, rate-sensitive corticosteroid negative feedback during stress p0082 A78-23649  
Site of fast, rate-sensitive feedback inhibition of adrenocorticotropin secretion during stress p0082 A78-23650
- KANWEL, W. B.  
Precordial T wave vectors in the detection of coronary heart disease - The Framingham study p0017 A78-13147
- KANTOR, G.  
New types of microwave diathermy applicators: Comparison of performance with conventional types p0168 N78-22608
- KANTOR, S. L.  
Investigation of possibility of using lower body negative pressure test for screening cosmonaut candidates p0305 N78-32674
- KAO, H. S. R.  
Unimanual and bimanual control in a compensatory tracking task p0292 A78-51347
- KAPELKO, V. I.  
Modern concepts on the contraction-relaxation mechanism of the myocardium p0198 A78-38752  
Effect of hypokinesia on the contractile function and neural regulation of the heart p0302 A78-53789
- KAPITA, B. M.  
Diagnostic value of history and maximal exercise electrocardiography in men and women suspected of coronary heart disease p0027 A78-15160
- KAPLANSKIY, A. S.  
Development of radiation lesions to the rat heart during a space flight (experimental morphological study) p0307 N78-32690
- KARACAN, I.  
Effects of high ambient temperature on sleep in young men p0214 A78-41158
- KARELINA, L. N.  
Psychophysiological distinctions of pilot performance during brief exposure to intensive photic stimuli p0306 N78-32678
- KARL, A. A.  
Effects of increased ambient CO<sub>2</sub> on brain tissue oxygenation and performance in the hypoxic rhesus p0242 A78-46413
- KARNANOVA, I. G.  
Evolution of sleep: Stages of formation of the wakefulness-sleep cycle in a number of vertebrates p0266 A78-48524  
Role of the paradoxical phase in the organization of the sleep-wakefulness cycle in the rat p0302 A78-53786
- KAROVIC, S.  
Simulator pilot consoles for NAS enroute and ARTS 3 facilities p0126 N78-19769
- [AD-A047567/3] p0126 N78-19769
- KARPHIAN, V. L.  
Hemodynamic mechanisms for maintaining maximal oxygen transport in the human organism p0219 A78-42664
- KARPOVA, N. I.  
Pine seed germination at zero gravity /A Cosmos-782 experiment/ p0051 A78-18523  
Pine seed germination under weightlessness (a study of the Kosmos 782 satellite) [NASA-TN-75080] p0063 N78-15667
- KARSANOV, N. V.  
Effects of weightlessness and hypokinesia on contractility of bundles of glycerin-treated rat muscle fibers p0307 N78-32689
- KARTSEV, V. I.  
Human visual functions as related to mild vestibular stimuli p0185 N78-23717
- KARVINEN, E.  
Lipid metabolism during exercise. I - Physiological and biochemical characterization of normal healthy male subjects in relation to their physical fitness p0292 A78-51300
- KASAKOV, G. A.  
Resistance of stratospheric and mesospheric micro-organisms to extreme factors p0027 A78-15180
- KASAHATSU, T.  
Local perfusion of noradrenaline maintains visual cortical plasticity p0103 A78-26778
- KASATKINA, T. B.  
Biological investigations on the orbital station 'Salyut-5' p0269 A78-48679
- KASS, D. A.  
Cortisol-mediated synchronization of circadian rhythm in urinary potassium excretion p0049 A78-17646
- KASSIL, G. N.  
Role of humoral-hormonal factors in human predisposition to motion sickness p0071 A78-21176
- KATKOV, V. Y.  
Technique for selective catheterization of the heart and great vessels used in biomedical studies of healthy individuals p0110 N78-18686  
Parameters of acid-base equilibrium and enzymatic activity of blood in man during brief antiorthostatic hypokinesia p0110 N78-18687  
The role of skeletal muscle tone in regulation of orthostatic circulation p0125 N78-19765
- KATKOVSKII, B. S.  
Dynamics of cardiorespiratory system indicators in healthy man during passive orthostatic test' p0129 A78-28490  
Effect of space flights on blood circulation and gas exchange during functional loading p0194 A78-36636
- KATON, Z.  
Trouble shooting pattern of emergency through instruments by jet-pilots. I p0001 A78-10194
- KATOV, Y. A.  
Methods of irradiating biological objects and results of dosimetry onboard the Kosmos-690 satellite p0306 N78-32680
- KATOVICH, M. J.  
Gravitational influences upon the maintenance requirements of rabbits p0030 A78-15205  
Body mass, composition, and food intake in rabbits during altered acceleration fields p0235 A78-43788
- KATUNTSEV, Z. P.  
Effect of prolonged hypokinesia on the water and fat content of the human body [NASA-TN-75522] p0230 N78-27752
- KATZ, A.  
Nitrosamines [PB-280479/7] p0284 N78-31727

- Acrylonitrile  
[PB-280478/9] p0310 N78-32713
- KATZ, D. I.  
Adaptation to delayed auditory feedback p0036 A78-16825
- KATZ, R.  
Vibration aspects of ride quality modeling for the DOT PTACV: Theory and experiment  
[PB-279846/0] p0286 N78-31744
- KATZENELSON, E.  
Virus concentration by hollow fiber membranes:  
Where to now? p0206 N78-25746
- KAUNE, W. T.  
Biological effects of static and low-frequency electromagnetic fields: An overview of United States literature  
[EPRI-EA-490-SR] p0204 N78-24793
- KAURICHEVA, N. I.  
Parameters of acid-base equilibrium and enzymatic activity of blood in man during brief antiorthostatic hypokinesia p0110 N78-18687
- KAUTTER, R. J.  
Evaluation of an electrochemical detector for trace concentrations of hydrazine compounds in air  
[AD-A054636] p0250 N78-28811
- KAVERSHWAR, U.  
Hypoxia tolerance in rats in relation to tissue glycogen levels p0265 A78-48078
- KAWABATA, N.  
Visual fixation points and depth perception p0221 A78-43186
- KAZACHKOV, V. H.  
Effect of spectral filtering during continuous two-day work p0264 A78-47986
- KAZAKOVA, R. T.  
Checking effectiveness of prevention of high-altitude decompression disorders by means of prebreathing in an oxygen environment p0184 N78-23713
- KAZANOVSKAYA, I. A.  
Temporal limitations of processing of visual information by a human operator p0196 A78-37745
- KAZARIAN, L. E.  
Identification and classification of vertebral fractures following emergency capsule egress from military aircraft p0074 A78-21707
- The F/PB-111 escape injury mechanism assessment  
[AD-A052337] p0248 N78-28789
- KAZARYAN, V. A.  
Effect of prolonged space flight on protein biosynthesis in various rat organs and tissues p0118 N78-18743
- Effect of prolonged weightlessness on metabolism of proteins in red and white skeletal muscles of rats p0175 N78-22671
- KEANEY, M. P.  
Time course of the cerebral circulatory response to metabolic depression p0082 A78-23648
- KEEFE, J. R.  
Killfish hatching and orientation: Experiment MA-161 p0092 N78-17106
- Support of ASTP/KOSMOS fundulus embryo development experiment  
[NASA-CF-151816] p0251 N78-29724
- KEHINDE, T.  
Development of prediction models for effort levels in manual jobs p0226 N78-26739
- KELLAR, K. J.  
Serotonin involvement in pituitary-adrenal function p0267 A78-48575
- KELLY, G. T.  
Sexual variations in thermoregulation during heat stress p0157 A78-35108
- KELSO, J. A. S.  
Coding processes in preselected and constrained movements - Effect of vision p0138 A78-31748
- KENNEDY, K. W.  
Selected design parameters for reclining seats based on engineering anthropometry  
[AD-A048458] p0122 N78-18769
- KENT, D.  
Serotonin involvement in pituitary-adrenal function p0267 A78-48575
- KENTOR, D. H.  
Polymorphonuclear leukocyte response: Experiment MA-032 p0092 N78-17105
- KENYON, R. V.  
Binocular eye movements during accommodative vergence p0211 A78-40579
- KEREM, D.  
Influence of a GABA transaminase inhibitor on central nervous system oxygen toxicity p0214 A78-41160
- KERESZTESY, J.  
Nitrosamines  
[PB-280479/7] p0284 N78-31727
- Acrylonitrile  
[PB-280478/9] p0310 N78-32713
- KERR, D. H.  
Effects of nitrogen dioxide on pulmonary function in human subjects  
[PB-281186/7] p0316 N78-33723
- KERSTEN, L.  
Wrist joint assembly  
[NASA-CASE-MPS-23311-1] p0096 N78-17676
- KERTESZ, A. E.  
Measurement of human vertical fusional response p0155 A78-34337
- The effect of stimulus size on human cyclofusional response p0212 A78-40581
- KESSEL, C.  
The effects of participatory mode and task workload on the detection of dynamic system failures  
[AD-A050210] p0147 N78-20775
- KETCHEN, E. E.  
Materials safety data sheets: The basis for control of toxic chemicals, volume 2  
[ORNL/TM-5722] p0044 N78-13729
- Materials safety data sheets: The basis for control of toxic chemicals, volume 1  
[ORNL/TM-5721-VOL-1] p0044 N78-13730
- KHACHATURIANTS, L. S.  
Characteristics of cosmonaut activities during flight p0261 A78-47951
- Adaptational fluctuations in the initial state of space flight p0261 A78-47953
- Psychological model of weightlessness in space flight simulation p0261 A78-47958
- Method of investigating perceptual extrapolation p0262 A78-47963
- Radio telegraphy as a realistic test for investigating an astronaut's activity p0262 A78-47964
- Human operator in a spacecraft control system during descent in the atmosphere p0263 A78-47970
- Spaceflight stress factors and the ability to track p0263 A78-47973
- Mechanisms of self-regulation of the functional system of tracking in normal and pathological states p0263 A78-47979
- Effect of spectral filtering during continuous two-day work p0264 A78-47986
- Psychological state of the operator and visual evaluation of lunar relief p0264 A78-47988
- KHANZANULIN, R. O.  
Characteristics of variation of hemodynamics during high-altitude hypoxia p0219 A78-42665
- KHARE, B. N.  
Ultraviolet-photoproduced organic solids synthesized under simulated Jovian conditions - Molecular analysis p0105 A78-28049

- KHARKBYEVICH, T. A.**  
Structural and functional organization of the vestibular apparatus in rats subjected to weightlessness for 19.5 days aboard the Kosmos-782 satellite [NASA-TN-75529] p0223 N78-26717
- KHASKIN, V. V.**  
Influence of adaptation to hypoxia on the dependence of internal respiration on temperature and oxygen tension in vitro p0100 A78-26610
- KHATSET, A. B.**  
Concerning the modeling of the critical periods of plant ontogenesis as transient processes in the organism p0214 A78-41016
- KHAUSTOVA, N. D.**  
On the possible role of lysosomal proteinases in the biological effects of accelerations p0307 N78-32685
- KHAVINSON, V. KH.**  
Characterization and study of the mechanism of the thymus factor /thymarine/ p0241 A78-45988
- KHITROV, N. K.**  
Functional reserves of the cardiac sympathetic system in the presence of hypoxia p0185 N78-23719
- KHLUDEEV, E. N.**  
Effect of spectral filtering during continuous two-day work p0264 A78-47986
- KHMELOV, V. P.**  
Clinical and biochemical aspects of human adaptation to central Antarctica as applied to problems of space biology and medicine p0118 N78-18746
- KHODKEVICH, Y. I.**  
Fluid-electrolyte metabolism in albino rats after a flight on the Kosmos-690 biosatellite p0175 N78-22672
- KHOKHLOV, I. V.**  
Regulation of the functional activity of human cells by means of laser radiation p0071 A78-20822
- KHOKHLOVA, O. S.**  
Effects of chronic exposure to carbon monoxide on biochemistry of human blood p0119 N78-18748
- KHOLIKOVA, T. A.**  
Biological experiments on the orbital station Salyut 4 p0030 A78-15207
- KHOLODOV, IU. B.**  
Effect of vestibular and optokinetic stimuli on the speed of processing information by an operator p0137 A78-30785
- KHOMENKO, N. N.**  
Human endurance of recurrent +G sub z accelerations p0175 N78-22670
- KHOMUTETSKAYA, O. E.**  
Role of the paradoxical phase in the organization of the sleep-wakefulness cycle in the rat p0302 A78-53786
- KHONDKARIAN, N. S.**  
Mathematical description of synapse behavior under conditions of rhythmic stimulation p0099 A78-25625
- KHOROBRYKH, A.**  
Fifty minutes of submerged weightlessness p0241 A78-46291  
Fifty minute in hydraulic weightlessness p0312 N78-33018
- KHURNOV, E. V.**  
The astronaut in the astronavigation system of manned spacecraft p0262 A78-47968
- KHUDIAKOVA, M. A.**  
Prevention of human deconditioning during prolonged immersion in water p0030 A78-15202
- KHUDYAKOVA, M. A.**  
Blood clotting function during 12-day immersion in water, and the preventive role of revolving on a centrifuge p0117 N78-18733
- KHUTORIANSKII, O. I.**  
The eight-sensor low-energy gamma topograph GFG-8 p0131 A78-29068
- KIM, S. G.**  
Electrophysiologic properties of alcohol in man p0239 A78-45409
- KIMBALL, K. A.**  
Inflight measurement of pilot workload - A panel discussion p0161 A78-36158  
The assessment of rotary wing aviator precision performance during extended helicopter flights p0090 N78-16625  
Methodological considerations of visual workloads of helicopter pilots p0286 N78-31747  
Visual performance/workload of helicopter pilots during instrument flight [AD-A055424] p0318 N78-33738
- KIMURA, N.**  
Correlations between electrocardiographic, vectorcardiographic, and echocardiographic findings in patients with left ventricular overload p0017 A78-13146
- KINZEY, S. L.**  
Response of the iron-deficient erythrocyte in the rat to hyperoxia p0192 A78-36605
- KING-SMITH, P. E.**  
Temporal properties of the human visual nervous system p0037 A78-17097
- KING, G. P.**  
Integration and application of human resource technologies in weapon system design [AD-A053681] p0255 N78-29756  
Integration and application of human resource technologies in weapon system design: Coordination of five human resource technologies [AD-A053680] p0255 N78-29757
- KING, J. E.**  
Effects of simulated hypogravity on respiration and photosynthesis of higher plants p0269 A78-48680
- KING, T. K. C.**  
Potentiation of pulmonary vasoconstrictor response with repeated intermittent hypoxia p0050 A78-18078
- KINNEY, J. A. S.**  
Transient visually evoked potential p0035 A78-16078
- KINSEY, S.**  
Detection of optical asymmetry in amino acids by gas chromatography for extraterrestrial space exploration - Results of a new soil processing scheme with breadboard instrumentation p0027 A78-15179
- KIRCOS, L. Z.**  
Quantitative organ visualization p0313 N78-33708
- KIRIANOV, V. A.**  
Medical observations and investigations p0194 A78-36634
- KIRILLOVA, Z. A.**  
Studies of circulation during LBNP test aboard Salyut-4 orbital stations p0115 N78-18719
- KIRKHAM, W. R.**  
Spatial disorientation in general aviation accidents p0265 A78-48081  
Spatial disorientation in general aviation accidents [AD-A053230] p0230 N78-27755
- KIRKPATRICK, M., III**  
Human factors engineering. Part 1: Test procedures [AD-A051481] p0205 N78-24800  
Human factors engineering. Part 2: Hedge [AD-A051482] p0205 N78-24801
- KIROI, V. N.**  
Methodological approach to the analysis of the 'semantic' information in the human EEG p0219 A78-42669
- KIRSAKOVA, G. I.**  
Dependence of the reaction of the human nervous system on the distribution of absorbed doses of ionizing radiation p0280 N78-31704
- KIRSAKOVA, T. S.**  
Two-dimensional linear models of two-legged walking p0251 N78-29037
- KIRSCH, H.**  
Activities of the Department of Aviation

- Psychology concerning the consultancy contract with the Deutsche Lufthansa AG [DLR-IB-355-75/01] p0013 N78-11698
- Research activities of the DFVLR Department of Aviation Psychology concerning the consultancy contract of the Deutsche Lufthansa AG [DLR-IB-355-76/01] p0045 N78-13741
- Psychological selection of applicants for a flying career [DLR-IB-355-76/02] p0045 N78-13742
- Investigation of personality characteristics of flight trainees and professional pilots [DLR-IB-355-76/03] p0046 N78-13743
- Selection strategy and psychological tests for aptitude investigation of applicants for pilot training at the Deutsche Lufthansa [DLR-IB-355-76/04] p0046 N78-13744
- Psychological selection of application for flight mechanic training [DLR-IB-355-77/03] p0062 N78-14783
- KIRSCH, K.**  
The measurement of tissue thickness and tissue compliance in man p0170 N78-22627
- KIRSCHNER, L. E.**  
Response of terrestrial microorganisms to a simulated Martian environment p0301 A78-53624
- KISELEV, L. V.**  
Dynamics of thermoregulation during adaptation to strenuous muscular activity with respiratory changes p0219 A78-42668
- KISELEV, R. K.**  
Exchange-endocrine processes p0194 A78-36637
- Changes in peripheral blood of crew members of the Salyut-4 orbital station p0174 N78-22669
- KISELEV, S. V.**  
Biological model of a self-adjusting filter p0262 A78-47965
- KISLIAKOV, V. A.**  
Mechanisms of interaction between receptors of the vestibular system p0266 A78-48522
- KISLITSIN, M. M.**  
Complex evaluation of the functional state of a human operator in control systems p0023 A78-13597
- KISLOVSKII, L. D.**  
A possible molecular mechanism by which solar activity affects biosphere processes p0164 N78-22574
- KISSEN, A. T.**  
Effects of increased ambient CO<sub>2</sub> on brain tissue oxygenation and performance in the hypoxic rhesus p0242 A78-46413
- KITAHOSONO, T.**  
Evaluating experiments of heat insulation of life raft by dummy and human body p0001 A78-10195
- Reviews on research and development with respect to the life support equipments in JASDP and its perspectives p0293 A78-51499
- KITLEY, G. W.**  
Instructor and student pilots' subjective evaluation of a general aviation simulator with a terrain visual system [NASA-TN-78698] p0189 N78-23746
- KLEBERKOPFER, H.**  
Locomotor behavior of fish hatched from embryos exposed to flight conditions [NASA-CR-151633] p0122 N78-19742
- KLEIN, G.**  
Cosmic ray effects on the eyes of rats flown on Cosmos no. 782, Experiment K-007 p0078 A78-21736
- KLEIN, G. A.**  
A strategy for the development of training devices p0153 A78-32676
- KLEIN, H. P.**  
The Viking biological investigation - General aspects p0002 A78-11451
- The Viking biological experiments on Mars p0201 A78-39746
- KLEIN, K. B.**  
Medical and psychological selection and training criteria for European SL-payload specialists [AAS PAPER 78-028] p0301 A78-53608
- KLEIN, M. J.**  
The evaluation and control of the risks of contamination during the course of experiments with animals in the space environment p0059 A78-20550
- Study of the specific effects of microwaves on the central nervous system. I - Demonstration of modifications of cerebral electrogenesis in the rat p0257 A78-46953
- KLEINMAN, D.**  
Closed loop models for analyzing the effects of simulator characteristics [AIAA 78-1592] p0291 A78-50667
- KLEINMAN, D. L.**  
A design procedure for control/display systems p0003 A78-12447
- Some new control theoretic models for human operator display monitoring p0019 A78-13446
- KLEINSCHMIDT, J.**  
The effects of ozone in the range of the maximum work location concentration on subjects p0024 A78-14196
- KLEINSTEIN, B. H.**  
Biological effects of nonionizing electromagnetic radiation Volume 2: Number 2, December 1977 [AD-A047647] p0113 N78-18705
- Biological effects of nonionizing electromagnetic radiation, volume 2, no. 3, March 1978 [AD-A052779] p0247 N78-28786
- KLEINHAKS, J. H.**  
Development of the Advanced G Cuing System [AIAA 78-1572] p0289 A78-50653
- KLESHCHEV, A. S.**  
Processes of learning complex behavior p0273 A78-49801
- KLIBANER, M. I.**  
The adaptation and the loss of adaptation of the myocardium of rats accustomed to hypoxia p0238 A78-44216
- KLIHOVA-CHEKASOVA, V. I.**  
Parameters of CNV as indicators of integrative and adaptive processes during different functional states of the central nervous system p0129 A78-28492
- KLIHOVSKAYA, L. D.**  
Changes in electrocerebellograms and automatic reactions of rats to accelerations p0307 N78-32684
- KLINE, J. M.**  
A comparison of inter-system contrast ratios for segmented digital readouts [AD-A050630] p0182 N78-22724
- KLIUEVA, N. Z.**  
Criteria for quantitative evaluation of respiratory system responses p0302 A78-53790
- KLOCKHOFF, I.**  
Computerized classification of auditory trauma: Results of an investigation on screening employees exposed to noise [NASA-TN-75062] p0040 N78-12658
- KLOEK, G. P.**  
Survivorship of Drosophila in nitrogen reduced hypobaric atmospheres p0157 A78-35109
- KNAPP, S. C.**  
Helmet cold conditioning: Correlation of structural temperatures in actual and simulated cold environments [AD-A050033] p0151 N78-21769
- KNAUSS, W. G.**  
On the mechanical properties of the human intervertebral disc [AD-A053036] p0247 N78-28787
- KNEPTON, J.**  
Bidirectional overadaptation achieved by executing leftward or rightward head movements during unidirectional rotation p0078 A78-21733
- Prevention of motion sickness in flight maneuvers, aided by transfer of adaptation effects acquired in the laboratory - Ten consecutive referrals p0215 A78-41167

- KHIAZEV, IU. A.**  
Variation of the corticosteroid composition of the urine under the action of simulated orthostatic stressing under high-g conditions  
p0073 A78-21373
- KNIGHT, K. L.**  
Comparison of blood flow in normal subjects during applications of heat, cold, and exercise at therapeutic levels  
p0178 N78-22691
- KNIGHT, T. F.**  
Renal sodium reabsorption following induction of and recovery from volume expansion  
p0049 A78-17647
- KNOWLER, E.**  
Velocity matching during smooth pursuit of different targets on different backgrounds  
p0212 A78-40584
- KNOWLES, K. A., JR.**  
Analysis and synthesis of a fluid-powered intelligent industrial robot end effector with tactile sensors  
p0147 N78-20772
- KNOX, R. J.**  
Analytical study of electrophoretic characterization of kidney cells [NASA-CR-150790]  
p0282 N78-31713
- KNUTTI, J. W.**  
Totally implantable bidirectional pulsed Doppler blood flow telemetry: Integrated ultrasonic receiver, diameter detection, and volume flow estimation  
p0144 N78-20753
- KOBAYASHI, Y.**  
Impedance cardiography for estimating cardiac output during submaximal and maximal work  
p0297 A78-52544
- KOBRICK, J. L.**  
Effects of altitude and heat on complex cognitive tasks  
p0133 A78-29544
- KOBRINSKII, A. A.**  
Compliance of a manipulator  
p0154 A78-33887  
Analog simulation of the movements of an ideal manipulator  
p0266 A78-48511
- KOBRINSKII, A. E.**  
The biomechanics of work  
p0100 A78-26268
- KOCH, G.**  
Cardio-respiratory adaptation and central blood volume during weightlessness  
p0170 N78-22628
- KOCH, R. A.**  
Chemical evolution and the origin of life - Bibliography supplement 1976  
p0303 A78-53875
- KOCHHAR, D. S.**  
Monocular peripheral vision as a factor in flight safety  
p0157 A78-35106
- KOCHUBOVA, E. I.**  
Functional structure and evaluation criteria of instrumental space operations  
p0023 A78-13600
- KODAMA, A. M.**  
Continuous 30-day measurements utilizing the monkey metabolism pod  
p0030 A78-15201  
Continuous metabolic and cardiovascular measurements on a monkey subject during a simulated 6-day Spacelab mission  
p0269 A78-48719  
Physiological studies in space with nonhuman primates using the monkey pod  
p0009 N78-11665  
The pig-tailed monkey (*Macaca nemestrina*) as a space-flight candidate  
p0010 N78-11678  
Metabolic and cardiovascular adaptation, monkey. NASA SMD 3, project 76, experiment 44 conducted at NASA/JSC, 14-25 May 1977 [NASA-CR-157159]  
p0203 N78-24784
- KOHN, P. A.**  
Maximum expiratory flow, diffusion and CO<sub>2</sub> elimination during liquid ventilation  
p0165 N78-22582
- KOENDRINK, J. J.**  
Perimetry of contrast detection thresholds of moving spatial sine wave patterns. I - The near peripheral visual field /eccentricity 0-8 deg/. II - The far peripheral visual field /eccentricity 0-50 deg/. III - The target extent as a sensitivity controlling parameter. IV - The influence of the mean retinal illuminance  
p0217 A78-42473
- KOGA, Y.**  
Correlations between electrocardiographic, vectorcardiographic, and echocardiographic findings in patients with left ventricular overload  
p0017 A78-13146
- KOGAN, A. KH.**  
Heart damage during emotional stress and prophylaxis of this effect with the aid of preliminary adaptation to high-altitude hypoxia  
p0106 A78-28123
- KOHL, J.**  
The microvibrations of the body, an index for examination stress  
p0272 A78-49297
- KOIDINOVA, G. A.**  
Hemodynamic mechanisms for maintaining maximal oxygen transport in the human organism  
p0219 A78-42664
- KOK, E.**  
Effects of training and heat acclimatization on blood plasma contents of exercising men  
p0089 A78-18076
- KOKOREVA, L. V.**  
Fluid-electrolyte metabolism in albino rats after a flight on the Kosmos-690 biosatellite  
p0175 N78-22672
- KOLEBAR, J.**  
Resting values of left ventricular work to coronary blood flow ratio in rats exposed to intermittent high altitude hypoxia and swimming  
p0292 A78-51299
- KOLESHNIK, A. G.**  
Experimental and general theoretical research  
p0115 N78-18717
- KOLESHNIKOV, M. P.**  
Porphyrins and phycobilins in Precambrian rocks  
p0138 A78-31382  
Abiogenic synthesis of molecular complexes from amino acids and porphyrins discussed in reference to the problem of prebiological evolution  
p0154 A78-33895  
Phycobilins of blue-green algae in connection with the problem of the origin and evolution of life on earth  
p0237 A78-44018
- KOLESOV, M. A.**  
Changes in circulating blood volume and filling of the brain and internal organs of rats following acute and chronic hypoxia  
p0120 N78-18756
- KOLLER, E. A.**  
The microvibrations of the body, an index for examination stress  
p0272 A78-49297
- KOLODIN, A. V.**  
Methods of irradiating biological objects and results of dosimetry onboard the Kosmos-690 satellite  
p0306 N78-32680
- KOLOSKOVA, IU. S.**  
Onboard food rations and a system for providing water  
p0193 A78-36630
- KOLOSKOVA, I. S.**  
Hygienic appraisal of water regenerated from diverse fluid-containing waste  
p0176 N78-22679
- KOLTISOV, A. E.**  
Study of the work capability of helicopter crews during a long stay on warships  
p0137 A78-30786
- KOMAROVA, L. I.**  
The optimization of cosmonaut activity in processes involving the operation of complex systems  
p0021 A78-13579
- KOMISSAROVA, M. A.**  
Experimental and general theoretical research

- KOMOLOVA, G. S. p0115 N78-18717  
DNA content in the lymph organs of rats during adaptation to hypoxia p0051 A78-18524  
DNA status in rat liver and spleen following flight on Kosmos-605 satellite p0118 N78-18742
- KOMOTSKII, R. V.  
Evaluation of the quality of man-in-the-loop guidance processes p0021 A78-13581  
Use of half-scale modeling for optimizing systems of manual control p0021 A78-13582
- KONDAKOV, A. V.  
Some problems of pathogenesis of respiratory disorders occurring at +G sub z accelerations combined with breathing pure oxygen p0184 N78-23714
- KONDRAKOV, V. M.  
Functional state of external respiration in flight-crew members with compensated atherosclerotic cardiosclerosis p0200 A78-39199
- KONDRATYEV, Y. I.  
Fluid-electrolyte metabolism in albino rats after a flight on the Kosmos-690 biosatellite p0175 N78-22672
- KONIKOFF, F.  
Hornet building orientation in a vertically rotating centrifuge p0269 A78-48713  
Hypergravity - Its effect on the estrous cycle and hormonal levels in female rats p0270 A78-48722
- KONKOVA, O. V.  
Some psychoneurological requirements in assessing inflight functional state of cosmonauts p0115 N78-18721
- KONOVALENKO, E. P.  
The epidemic process as a function of solar activity p0163 N78-22568
- KONSHIN, N. I.  
Apollo-Soyuz test project on biorhythms of zone-forming fungi - Preliminary work p0031 A78-15212
- KONSTANTINOV, I. V.  
Immunological reactivity and prediction of allergic complications in the crew of the second expedition of Salyut-4 p0183 N78-23710
- KONSTANTINOV, M. S.  
Inertia forces of robots and manipulators p0136 A78-30503
- KOPF, G. S.  
Harmonic analysis of the left ventricular pressure waveform of the primate p0130 A78-28950
- KORDASZ, P.  
The possibility of studying ageusia during weightlessness by the electrogustometric method p0106 A78-28325
- KORDIUM, E. L.  
Biological investigations of higher and lower plants aboard Soyuz 19 p0028 A78-15190
- KORDIUM, V. A.  
Biological investigations of higher and lower plants aboard Soyuz 19 p0028 A78-15190
- KORESEKOV, A. A.  
Investigation of the bioelectrical activity of the brain under conditions of varied 24 hour lifecycle p0022 A78-13590
- KORNER, P. I.  
Cardiovascular-respiratory reflex interactions between carotid bodies and upper-airways receptors in the monkey p0134 A78-29639
- KORNEVA, T. V.  
The role of professional and sexual factors in the auditory evaluation of emotionally tinged speech p0023 A78-13601
- KORNILOVA, L. M.  
Investigation of space perception by the crew of the experimental Soyuz-Apollo mission p0111 N78-18695
- KORNEICH, M.  
Air pollution assessment of vinylidene chloride [PB-280624/8] p0310 N78-32714
- KOROBKO, O. V.  
Temperature distribution in the human body under various conditions of induced hyperthermia [NASA-TN-75139] p0011 N78-11688
- KOROGODINA, Y. V.  
Distinctions of radioprotective effect of acute hypoxia on 5-day-old mice preadapted to oxygen deficiency p0306 N78-32683
- KOROLKOV, V. I.  
Fluid-electrolyte metabolism in albino rats after a flight on the Kosmos-690 biosatellite p0175 N78-22672
- KOROSTOVTSSEV, D. S.  
Dynamics of the relation between cell mediators of adrenergic and cholinergic systems /cAMP-cGMP/ in the mechanisms of adaptation to hypoxia p0104 A78-27440
- KOROTAEV, M. M.  
Selection and training of cosmonauts for flights in Soyuz spacecraft p0193 A78-36628  
Medical observations and investigations p0194 A78-36634
- KOROTKOV, D. I.  
Response of endocrine glands to the directional action of impulsive acceleration p0072 A78-21372
- KORTELA, I. M.  
A facilitation effect in orientation discrimination p0295 A78-51957
- KOSSLER, T.  
Responses of articular and epiphyseal cartilage zones of developing avian radii to estrone treatment and a 2-G environment p0134 A78-29562
- KOSTINA, L. M.  
Biological investigations of higher and lower plants aboard Soyuz 19 p0028 A78-15190  
The action of space flight factors on radiation effects of additional gamma-irradiation of seeds p0268 A78-48611  
Biological investigations on the orbital station 'Salyut-5' p0269 A78-48679
- KOSUT, R. L.  
Optimal control theory applied to the design of cue shaping filters for motion-base simulators [AIAA 78-1575] p0290 A78-50656
- KOPENKO, V. A.  
Prevention of hypertensive states in ship crews out at sea p0120 N78-18759
- KOTHE, E.  
Helmet feedport [NASA-CASE-XMS-09653] p0097 N78-17680
- KOTLIARSKII, A. M.  
Mechanism of bifixation in the act of binocular vision p0072 A78-21181
- KOTOVSKAIA, A. E.  
Visual work capacity under the action of overloads and elevated temperature p0263 A78-47972
- KOTOVSKAYA, S. R.  
Human endurance of recurrent +G sub z accelerations p0175 N78-22670
- KOTT, Y.  
Coliphages survival as viral indicator in various wastewater quality effluents p0207 N78-25748
- KOUBENEC, H.-J.  
Effective compliance of the circulation in the upright sitting posture p0197 A78-38009
- KOURIDES, I. A.  
Zero gravity and cardiovascular homeostasis. The relationship between endogenous hyperprolactinemia and plasma aldosterone [NASA-CR-151715] p0179 N78-22705
- KOVALENKO, Y. A.  
Principal methods of simulating biological effects of weightlessness p0117 N78-18739



- Pathophysiological aspects of the problem of prolonged hypokinesia  
[NASA-TM-75112] p0224 W78-26724
- Effect of prolonged hypokinesia on the water and fat content of the human body  
[NASA-TM-75522] p0230 W78-27752
- KOVALEV, B. E.  
Radiation protection for Soyuz crews p0193 A78-36631
- KOVALEV, O. A.  
Regional redistribution of blood during the immediate aftereffect period following exposure of rats to transverse accelerations p0308 W78-32693
- KOVALEV, Y. I.  
Main stages and prospects of development of space biology and medicine p0110 W78-18680
- Measurement of radiation doses in the Soyuz-16 spacecraft p0117 W78-18732
- Provisions for radiation safety of the crew of the second expedition on Salyut-4 p0124 W78-19758
- KOVALZON, V. M.  
REM deprivation by stimulation of the reticular formation in the rat p0302 A78-53787
- KOZACHA, P. G.  
Disturbances of fat metabolism in flight crew personnel p0220 A78-42900
- KOZEBENKO, O. P.  
A psychophysiological study of pilot behavior in conditions of combined activity p0022 A78-13589
- The problem of self-regulation of posture p0023 A78-13598
- Selection and training of cosmonauts for flights in Soyuz spacecraft p0193 A78-36628
- Features of statokinetic reactions p0194 A78-36635
- KOZHENIAKIN, L. A.  
Dynamics of the relation between cell mediators of adrenergic and cholinergic systems /cAMP-cGMP/ in the mechanisms of adaptation to hypoxia p0104 A78-27440
- KOZINETS, T. N.  
Contractile function of the myocardium and energy supply during experimental hyperfunction of the heart in animals of different age p0237 A78-44090
- KOZLOVA, A. G.  
The ozone problem associated with technical and health considerations in aviation p0057 A78-20293
- KOZYABIN, I. P.  
Effects of low-frequency (50 Hz) electromagnetic field on functional state of the human body p0186 W78-23725
- Copper, molybdenum, iron and manganese metabolism in rat tissues in response to a 50 Hz electric field p0187 W78-23730
- Evaluation of hygienic significance of electric field of power lines in populated areas p0187 W78-23731
- KOZYREVA, T. V.  
Temperature sensitivity of man to cold p0156 A78-34786
- KOZYREVSKAYA, G. I.  
Exchange-endocrine processes p0194 A78-36637
- KOZYREVSKAYA, G. I.  
Distinctions of fluid and electrolyte metabolism and renal function in crew members of the first Salyut-4 expedition p0110 W78-18685
- KRAFT, C. L.  
Windshield quality and pilot performance [AD-A048457] p0127 W78-19774
- KRAGT, B.  
Human reliability engineering p0241 A78-46323
- KRANENBUHL, G. S.  
Task-specific simulator pretraining and in-flight stress of student pilots p0265 A78-48085
- KRAHMER, M. R.  
A cardiac arrhythmia monitoring system p0178 W78-22694
- KRAWDA, K.  
Selective chromatic adaptation at different spatial frequencies p0211 A78-40576
- KRASILNIKOV, V. G.  
Characteristics of the local temperature of isolated cortex during wakefulness and alternation of sleep stages p0107 A78-28449
- KRASHOV, I. V.  
Lipid extraction from isolated single nerve cells [NASA-TM-75043] p0011 W78-11687
- KRASNOVA, A. P.  
Metabolic structure of the recovery process following various physical stresses p0303 A78-53791
- KRASNOVSKII, A. A.  
The problem of photosynthetic hydrogen p0051 A78-18521
- KRAUSE, H. E.  
Model of the supine human body and its reactions to external forces p0076 A78-21723
- KREKELER, H.  
Acute effects of ozone on lung function in humans p0024 A78-14195
- KRESH, Y. M.  
Model-based hemodynamic indicators of left ventricular performance in acute myocardial infarction p0178 W78-22693
- KRETOVICS, T.  
The utility of peripheral vision to motor vehicle drivers [PB-278157/3] p0234 W78-27779
- KREUZER, F.  
Blood volume and body haematocrit of rats native to a simulated altitude of 3500 m p0215 A78-41214
- Blood gases at several levels of oxygenation in rats with a left-shifted blood oxygen dissociation curve p0273 A78-50024
- KRICHAGIN, V. J.  
Health effects of noise exposure p0239 A78-45504
- KRICHEVSKAYA, I. P.  
Dynamics of reflex reactions of arteries and veins during variation of the functional state of vasomotor centers p0243 A78-46454
- KRICHEVSKAYA, A. A.  
Protective effects of 2-aminobenzimidazole during hyperbaric oxygenation, and state of cerebral nitrogen metabolism p0307 W78-32687
- KRIEK, M. P. J.  
Biological testing of water reclaimed from purified sewage effluents p0206 W78-25747
- KRIKLER, D. M.  
The cardiovascular fitness of airline pilots - Report of a working party of the Cardiology Committee of the Royal College of Physicians of London p0159 A78-35850
- KRIKORIAN, A. D.  
Morphogenetic responses of cultured totipotent cells of carrot /Daucus carota var. carota/ at zero gravity p0135 A78-30296
- Is gravity a morphological determinant in plants at the cellular level p0269 A78-48699
- KRING, G.  
Spacelab life support and habitability systems growth for extended mission durations [AIAA PAPER 78-1672] p0295 A78-51997
- KRISHNA, B.  
Body fluid compartments in rabbits on exposure to acute hypobaric hypoxia p0215 A78-41163
- Haematologic changes in rabbits during acclimatisation, deacclimatisation, and reinduction to hypoxia p0241 A78-46407

- KRISHNAMURTHY, N.  
Changes in EEG pattern during acclimatization to  
high altitude /3500 m/ in man p0241 A78-46409
- KRISTIANSEN, U. B.  
Experiments on the noise heard by human beings  
when exposed to atmospheric winds p0200 A78-39347
- KRIVENKOVA, N. P.  
Morphology of bone marrow cells of rats on the  
Kosmos-605 biosatellite p0176 N78-22683
- KRON, G. J.  
Development of the Advanced G Cuing System  
[AIAA 78-1572] p0289 A78-50653
- KROPP, K. D.  
Microbial exchange: Experiment AB-002 p0092 N78-17103
- KROTOV, V. P.  
Effect of prolonged hypokinesia on the water and  
fat content of the human body  
[NASA-TN-75522] p0230 N78-27752
- KRUGER, R. P.  
Automatic detection of alternations in pulmonary  
venous pressure  
[LA-UR-77-531] p0044 N78-13732
- KRUGLIKOV, R. I.  
The consolidation process and some of its  
neurochemical mechanisms p0292 A78-51318
- KRUK, B.  
Enhancement factor in the thermoregulatory system  
at varying ambient temperature p0156 A78-34787
- KRUPIVA, T. N.  
Hypokinesia and readaptation /physiological aspects/  
Selection and training of cosmonauts for flights  
in Soyuz spacecraft p0072 A78-21184  
p0193 A78-36628  
Medical observations and investigations p0194 A78-36634  
Clinical and biochemical aspects of human  
adaptation to central Antarctica as applied to  
problems of space biology and medicine p0118 N78-18746  
Clinical aspects of changes in the nervous system  
in the course of 49-day antiorthostatic  
hypokinesia p0175 N78-22673  
Studies of reactivity of the organism using some  
pharmacological tests p0184 N78-23711  
Investigation of possibility of using lower body  
negative pressure test for screening cosmonaut  
candidates p0305 N78-32674
- KRUSTYN, A. O.  
Effect of weightlessness and of artificial gravity  
on irradiated lettuce seeds p0031 A78-15210
- KRUTKO, V. N.  
Effect of head orientation in the gravity field on  
severity of caloric nystagmus p0111 N78-18691  
A device for measurement of rate of slow phase of  
nystagmus on the nystagmogram p0125 N78-19763
- KRUISSE, A.  
Acute and sub-acute inhalation toxicity of  
peroxyacetyl nitrate and ozone in rats p0024 A78-14192
- KRYLOV, Y. V.  
Effects of high concentrations of carbon dioxide  
on function of the human acoustic analyzer p0112 N78-18696
- KRYLOVA, N. V.  
Radio telegraphy as a realistic test for  
investigating an astronaut's activity p0262 A78-47964  
Visual work capacity of an operator p0264 A78-47985
- KSIASEK, M.  
Determination of optimum vibroisolation systems  
for a sitting human operator p0076 A78-21722
- KUBASOV, V. N.  
Apollo-Soyuz test project on biorhythm of  
zone-forming fungi - Preliminary work p0031 A78-15212
- KUCHNOW, K. P.  
Killfish hatching and orientation: Experiment  
NA-161 p0092 N78-17106
- KUDROVA, R. V.  
Consumption of freeze-dried food in weightlessness  
p0184 N78-23712
- KUEHN, L. A.  
Measurement of heat stress: Kiowa and Musketeer  
cockpits  
[AD-A046388] p0066 N78-15686
- KUFNER, H.  
Diagnosis of Alcoholism: The Munich Alcoholism  
Test (MAT) p0094 N78-17662
- KUGHO, E. P.  
Visual-motor coordination in the simulation of  
10-day reduced gravity p0263 A78-47976
- KUHL, K.-D.  
The importance of the perilymphatic oxygen supply  
in the cochlea function p0300 A78-53395
- KUKLIN, M. A.  
Medical observations and investigations p0194 A78-36634
- KUKLINSKI, P.  
Endocrine-metabolic cost of piloting F-104 G  
aircraft p0091 N78-16629
- KUKOLEVSKAYA, Y. V.  
Effects on the human body of complex tests  
simulating flight conditions on the Salyut-4  
spacecraft p0176 N78-22682
- KUKSINSKIY, V. I.  
Coagulative properties of blood and tissues of the  
cardiovascular system in exposure to  
electromagnetic fields p0281 N78-31706
- KUKSOVA, M. I.  
The hematic system in the set of symptoms of  
autonomic disorders in monkeys on the low  
gravitation stand p0120 N78-18757
- KUKULIS, I. P.  
Characteristics of pressor response during  
voluntary and induced contraction of skeletal  
muscles p0218 A78-42662
- KULESHOV, V. I.  
Human endurance of measured exercise in the  
presence of chronic hypercapnia p0185 N78-23718
- KULIKOWSKI, J. J.  
Pattern and movement detection in man and rabbit -  
Separation and comparison of occipital potentials  
Complete adaptation to patterned stimuli - A  
necessary and sufficient condition for Weber's  
law for contrast p0295 A78-51956
- KULINSKI, M. B.  
Evaluation of US Air Force survival/armor vest in  
US Army OH-58 helicopters  
[AD-A044842] p0042 N78-12675
- KULTHAU, A. R.  
Summary report: Workshop on Vehicle Ride Quality  
[NASA-CP-2013] p0013 N78-11705
- KURBANOV, V. V.  
Clinical and biochemical aspects of human  
adaptation to central Antarctica as applied to  
problems of space biology and medicine p0118 N78-18746
- KURIHARA, Y.  
Application of factor analysis to  
electroencephalogram p0001 A78-10197  
Evaluation method of mental workload  
under flight conditions p0215 A78-41168
- KURODA, I.  
Evaluating experiments of heat insulation of life  
raft by dummy and human body p0001 A78-10195  
Evaluation method of mental workload  
under flight conditions p0215 A78-41168

- KUBOSA, I.**  
Trouble shooting pattern of emergency through instruments by jet-pilots. I p0001 A78-10194
- KURTZ, P. J.**  
Toxicological evaluation of Pyrethrins Fogging Concentrate (trade name) study No. 51-1309-78 [AD-A055088] p0282 N78-31715
- KUSHAKOV, D.**  
Characteristics of heat-sensitive neurons in the posterior hypothalamus p0081 A78-22498
- KUSHLICK, S.**  
Man-environment studies: A review with an analysis of some techniques for the assessment of environmental perception [CSIR-SB-PERS-271] p0277 N78-30817
- KUSTOV, V. V.**  
Effect of gamma radiation on intensity of ammonia excretion in albino rats p0117 N78-18735  
The combined effect of volatile products of thermal oxidation decomposition of lubricating oil and hypoxic hypoxia on the organism p0185 N78-23723
- KUZIN, R. A.**  
Methods of irradiating biological objects and results of dosimetry onboard the Kosmos-690 satellite p0306 N78-32680
- KUZIURINA, L. A.**  
Physiology of xerophytic micro-organisms growing under Martian conditions p0027 A78-15182
- KUZHIN, M. P.**  
Clinical and biochemical aspects of human adaptation to central Antarctica as applied to problems of space biology and medicine p0118 N78-18746
- KUZHINA, K. I.**  
Systematic approach to the study of intrabrain regulation p0131 A78-29067
- KUZNETSOV, A. G.**  
Clinical and biochemical aspects of human adaptation to central Antarctica as applied to problems of space biology and medicine p0118 N78-18746  
Prevention of hypertensive states in ship crews out at sea p0120 N78-18759
- KUZNETSOV, O. M.**  
Operator activity in a state of continuous wakefulness p0262 A78-47969
- KUZNETSOVA, A. G.**  
Space flights on Soyuz spacecraft: Biomedical studies p0193 A78-36626
- KUZNETSOVA, N. A.**  
Conditioned reflex activity of rats at later periods after the end of flight aboard the Kosmos-605 biosatellite [NASA-TN-75523] p0223 N78-26716
- KUZNETZ, L. E.**  
Automatic control of human thermal comfort with a liquid-cooled garment [NASA-TN-58205] p0013 N78-11704
- KVALSETH, T. O.**  
Quantitative models of motor responses subject to longitudinal, lateral, and preview constraints p0132 A78-29540  
Effect of preview on digital pursuit control performance p0201 A78-39650  
Human performance comparisons between digital pursuit and compensatory control p0240 A78-45948
- KWARECKI, K.**  
Biological role of terrestrial gravitation p0135 A78-29663  
Sensory deprivation and social isolation as problems of space psychology - Interpretation of Antarctic and laboratory data p0294 A78-51887
- L., G.**  
Soviet-Czech space mission, cosmonaut training discussed p0183 N78-23041
- LACEY, J. C., JR.**  
Genetic code correlations - Amino acids and their anticodon nucleotides p0260 A78-47888
- LACH, S. P.**  
Microorganisms of the upper layers of the atmosphere and protective role of their cell pigments p0269 A78-48712
- LACHIA, L.**  
Biological effects of NO, NO2, SO2 and combinations thereof: Acute action on human and rat blood in vitro - Chronic action on the lung and blood of rats due to pollution-level concentrations p0036 A78-16474
- LACKNER, J. R.**  
Proprioceptive information about target location suppresses autokinesis p0025 A78-14419  
Adaptation to delayed auditory feedback p0036 A78-16825  
Incremental exposure facilitates adaptation to sensory rearrangement p0100 A78-26729  
Postural illusions experienced during Z-axis recumbent rotation and their dependence upon somatosensory stimulation of the body surface p0134 A78-29561  
Some influences of touch and pressure cues on human spatial orientation p0161 A78-36157
- LACORBIERE, M.**  
Alterations in the surface properties of cells responsive to nerve growth factor p0217 A78-42459
- LADNUSHKIN, V. M.**  
Systematic approach to the study of intrabrain regulation p0131 A78-29067
- LAFFERTY, J. P.**  
Analytical model of the fatigue characteristics of bone p0074 A78-21710
- LAPONTAINE, E.**  
Current vaccination regulations for civil aviation navigation personnel p0059 A78-20554  
Concorde and cosmic rays p0257 A78-46952
- LAGNEAUX, D.**  
Theoretical considerations on the determining factors of V-02 max p0056 A78-20150
- LAHAV, N.**  
Peptide formation in the prebiotic era - Thermal condensation of glycine in fluctuating clay environments p0215 A78-41220
- LAJTHY, C.**  
Modifications of pulmonary surfactant under hyperbaric conditions in rats - Role of oxygen and diluting gas under partial pressure p0058 A78-20543
- LANANNA, A.**  
The effect of repetitive prenatal low-level microwave exposure on development in the rat p0168 N78-22610
- LAMBERT, C. R.**  
The energetics of isolated cardiac muscle p0246 N78-28780
- LAMBERT, J. M.**  
Protection against the physiological effects of positive pressure breathing p0160 A78-36151
- LAMBERTSEN, C. J.**  
Work Capability and physiological effects predictive studies. 4: In He-O2 excursions to pressures of 400- 800- 1200- and 1600 feet of sea water [NASA-CR-157571] p0282 N78-31714

- LANBOU, V. W.**  
Distribution of phytoplankton in Tennessee lakes  
[PB-280139/7] p0276 N78-30803  
Distribution of phytoplankton in Ohio lakes  
[PB-280140/5] p0276 N78-30804
- LANOONTAGNE, R. A.**  
Algae, ultraviolet light, and the production of  
trace gases  
[AD-A049441] p0148 N78-21748
- LANCASTER, H. C.**  
A prototype system for automated interpretation of  
vectorcardiograms  
p0083 A78-23881
- LANCE, V. Q.**  
Postural effects on the noninvasive baselines of  
ventricular performance  
p0055 A78-19131
- LAND, E. H.**  
The retinex theory of color vision  
p0034 A78-15903
- LANDAU, S. A.**  
Alterations in erythrocyte survival parameters in  
rats after 19.5 days aboard Cosmos 782  
p0079 A78-21744
- LANE, J. R.**  
Time course of the cerebral circulatory response  
to metabolic depression  
p0082 A78-23648
- LANE, N. E.**  
The human operator simulator: Workload estimation  
using a simulated secondary task  
p0287 N78-31756
- LANG, R.**  
Protective garment ventilation system  
[NASA-CASE-XMS-04928] p0097 N78-17679
- LANGE, C. S.**  
Biological effects of ionizing radiation at the  
molecular, cellular, and organismal levels  
[TID-28055] p0223 N78-26718
- LANGSTON, A.**  
Binocular detection by normal and stereoblind  
observers  
p0299 A78-53082
- LANYI, J. K.**  
Calcium transport in Halobacterium halobium  
envelope vesicles  
p0267 A78-48574  
Illumination-dependent changes in the intrinsic  
fluorescence of bacteriorhodopsin  
p0267 A78-48578  
Methionine transport in Halobacterium halobium  
vesicles - Noncompetitive, asymmetric inhibition  
by L-Cysteine  
p0267 A78-48579
- LAPAEV, E. V.**  
Effect of certain space-flight factors on the  
vestibular system in man /based on data from  
domestic and foreign literature/  
p0105 A78-27949  
A procedure for the automated analysis of  
vestibular nystagmus  
p0291 A78-50750
- LAPLANE, R.**  
Concorde and cosmic rays  
p0257 A78-46952
- LAPSHINA, N. A.**  
Studies of circulation during LBNP test aboard  
Salyut-4 orbital stations  
p0115 N78-18719
- LARDIS, A. E.**  
Biodegradation of shipboard wastewater in  
collection, holding, and transfer tanks  
[AD-A053643] p0251 N78-29726
- LARIN, V. B.**  
Continuous and pulse control of the horizontal  
motion of a biped walking apparatus  
p0104 A78-27154
- LARIONOV, N. P.**  
Effect of hypokinesia on the contractile function  
and neural regulation of the heart  
p0302 A78-53789
- LARKIN, E. C.**  
Response of the iron-deficient erythrocyte in the  
rat to hyperoxia  
p0192 A78-36605
- LARRY, C.**  
Windshield quality and pilot performance  
[AD-A048457] p0127 N78-19774
- LARSON, C. A.**  
NASA - selected life science experiments for the  
first NASA/ESA Spacelab flight 1980  
p0169 N78-22621
- LARUSSA, J.**  
A unique approach to aerial refueling simulation  
for training boom operators  
[AIAA 78-1591] p0291 A78-50666
- LASKO, M. V.**  
Dependence of the estimation of human state on the  
personal characteristics of the estimator  
p0023 A78-13599
- LATEGOLA, M. T.**  
Altitude tolerance of general aviation pilots with  
normal or partially impaired spirometric function  
p0266 A78-48088  
Altitude tolerance of general aviation pilots with  
normal or partially impaired spirometric function  
[AD-A044557] p0040 N78-12656  
Three reports relevant to stress in aviation  
personnel  
[AD-A051690] p0308 N78-32699  
Cardiorespiratory assessment of  
decongestant-antihistamine effects on  
altitude, +Gz, and fatigue tolerances  
[AD-A055089] p0310 N78-32707
- LAU, C. G. Y.**  
Linear model for visual-vestibular interaction  
p0214 A78-41161
- LAUGHLIN, M. H.**  
Use of vectorcardiography for the detection of  
+Gz-related cardiac pathology in miniature swine  
p0241 A78-46410
- LAUGHLIN, S. B.**  
Information capacity of eyes  
p0025 A78-14413
- LAURINAVICHUS, R. S.**  
Biological experiments on the orbital station  
Salyut 4  
p0030 A78-15207
- LAVERNHE, J.**  
Concorde and cosmic rays  
p0257 A78-46952
- LAVROVSKII, A. A.**  
Periodic activity of natural foci of plaque and  
its causes  
p0163 N78-22567
- LAVY, S.**  
Blood flow in rat brain during exposure to high  
oxygen pressure  
p0241 A78-46408
- LAWSON, D.**  
Synthesis and biological screening of novel hybrid  
fluorocarbon hydrocarbon compounds for use as  
artificial blood substitutes  
[NASA-CR-155781] p0112 N78-18702
- LAYTON, C.**  
Aortic root and left atrial wall motion - An  
echocardiographic study  
p0002 A78-10499
- LEACH, C. S.**  
Metabolic energy requirements during manned  
orbital Skylab missions  
p0029 A78-15198  
Observations in energy balance in man during  
spaceflight  
p0048 A78-17645  
Hormonal indices of tolerance to +Gz acceleration  
in female subjects  
p0215 A78-41162  
Evaporative water loss in man in a gravity-free  
environment  
p0297 A78-52543
- LEAPFER, D.**  
Cosmic ray effects on the eyes of rats flown on  
Cosmos no. 782, Experiment K-007  
p0078 A78-21736
- LEAHY, W. R.**  
Human performance tradeoff curves for use in the  
design of Navy systems  
[AD-A053332] p0209 N78-25770
- LEATHERWOOD, J. D.**  
Ride quality criteria of multifactor environments  
p0099 A78-24911  
An investigation of ride quality rating scales  
[NASA-TP-1064] p0012 N78-11696  
Effect of vibration duration on human discomfort  
[NASA-TP-1283] p0311 N78-32717

- LEBED, A. N.  
A method for recording transient processes in the cardiac rhythm and its implementation  
p0237 A78-44094
- LEBEDEV, V. I.  
Distinctions of fluid and electrolyte metabolism and renal function in crew members of the first Salyut-4 expedition  
p0110 N78-18685
- LEBEDEVA, I. P.  
Some features of the bioelectric activity of the muscles with prolonged hypokinesia  
[NASA-TM-75116]  
p0225 N78-26727
- LEBEDEVA, N. N.  
Method of evaluating the work capacity of pilots and astronauts  
p0262 A78-47962  
Spaceflight stress factors and the ability to track  
p0263 A78-47973  
Mechanisms of self-regulation of the functional system of tracking in normal and pathological states  
p0263 A78-47979
- LEBLANC, A.  
Evaluation of thallium-201 scanning for detection of latent coronary artery disease  
[NASA-CR-151662]  
p0144 N78-20756
- LEBOVITZ, E. N.  
Vestibulo-cochlear single unit responses to microwave radiation  
p0168 N78-22613
- LECHNER, A. J.  
The scaling of maximal oxygen consumption and pulmonary dimensions in small mammals  
p0302 A78-53710
- LECOMTE, J.  
Theoretical considerations on the determining factors of V-O2 max  
p0056 A78-20150
- LECROISSETTE, D. N.  
Medical ultrasonic tomographic system  
[NASA-CR-155269]  
p0040 N78-12659  
Tissue identification by ultrasound  
[NASA-CR-157776]  
p0314 N78-33716
- LEE, J. N., JR.  
Electrical and biological effects of transmission lines: A review  
[BPA-BIO-77-1]  
p0315 N78-33722
- LEE, M. K.  
Evaluation of a spacecraft nitrogen generator  
[NASA-CR-152097]  
p0189 N78-23748
- LEES, M. A.  
The assessment of rotary wing aviator precision performance during extended helicopter flights  
p0090 N78-16625  
Visual performance/workload of helicopter pilots during instrument flight  
[AD-A055424]  
p0318 N78-33738
- LEFRANCOIS, R.  
Pulmonary gas exchange, diffusing capacity in natives and newcomers at high altitude  
p0302 A78-53711
- LEGENKOV, V. I.  
Hematological investigations  
p0194 A78-36638  
Changes in peripheral blood of crew members of the Salyut-4 orbital station  
p0174 N78-22669
- LEGGE, G. E.  
Sustained and transient mechanisms in human vision - Temporal and spatial properties  
p0137 A78-30740
- LEHRMAN, K. L.  
Measurement of the human magnetic heart vector  
p0048 A78-17265
- LEHWALT, M. E.  
Chemical interpretation of Viking Lander 1 life detection experiment  
p0099 A78-25560
- LEITCH, E.  
Simulation of the docking manoeuvre  
p0141 A78-32225
- LEITH, J. T.  
Effects of radiation upon the light-sensing elements of the retina as characterized by scanning electron microscopy  
p0029 A78-15197
- LEKAREV, A. V.  
Influence of optical defects on the cockpit canopy glass on the spatial orientation of a pilot during flight  
p0103 A78-27099
- LEKHTMAN, I. A. B.  
Methodological aspects of the physiology of behavior  
p0135 A78-30396
- LELYVELD, J.  
Hypergravity - Its effect on the estrous cycle and hormonal levels in female rats  
p0270 A78-48722
- LEMASTER, W. D.  
Area of interest/field-of-view research using ASPT  
[AD-A055692]  
p0311 N78-32718
- LEMON, C. D.  
The effects of middle ear muscle contraction upon high level exposure to pure tones and upon the transmission of low level pure tones  
p0064 N78-15673
- LENDI, J. A.  
Manned maneuvering unit - A space platform support system  
[AIAA PAPER 78-1663]  
p0295 A78-51990
- LENKOVA, R. I.  
Metabolic structure of the recovery process following various physical stresses  
p0303 A78-53791
- LENNON, A. O.  
Disorientation training in FAA-certificated flight and ground schools - A survey  
p0241 A78-46406  
Disorientation training in FAA-certificated flight and ground schools: A survey  
[AD-A047718/2]  
p0126 N78-19768
- LENSON, R.  
Roles of psychologic stress and autonomic nervous system changes in provocation of ventricular premature complexes  
p0196 A78-37175
- LENTZ, J.  
Motion sickness susceptibility: A retrospective comparison of laboratory tests  
[AD-A053161]  
p0248 N78-28790
- LEON, R. A.  
Alterations in erythrocyte survival parameters in rats after 19.5 days aboard Cosmos 782  
p0079 A78-21744
- LEONARD, J. I.  
Observations in energy balance in man during spaceflight  
p0048 A78-17645  
Evaporative water loss in man in a gravity-free environment  
p0297 A78-52543
- LEONOV, A. A.  
Apollo-Soyuz test project on biorhythm of zone-forming fungi - Preliminary work  
p0031 A78-15212
- LEONTEVA, G. A.  
Genetic effects of cosmic radiation on bacteriophage T4Br/+/- On materials of biological experiment 'Soyuz-Apollo'  
p0269 A78-48682
- LEPLAT, J.  
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p0159 A78-35851
- LETCHFORD, T.  
Investigation of arterial bloodgases at altitude using constant-flow oxygen masks  
p0161 A78-36160
- LEUNG-HOLLINS, E. N. L.  
Monocular and binocular brightness of monochromatic lights  
p0006 N78-10690
- LEVARTOVSKII, B.  
Analysis of the contractility of the myocardium of different heart chambers by means of comparing the isometric contraction of isolated stria and the strain-gage recording of isometric stress of the myocardium of an intact functioning heart  
p0270 A78-48753
- LEVERETT, S. D., JR.  
Calibration of a new ear oximeter in humans during exposure to centrifugation  
p0131 A78-29035
- LEVIN, R.  
Simulation of man's respiratory and metabolic functions by the automated breathing metabolic

- simulator  
[PB-278544/2] p0230 N78-27757
- LEVINE, P. A.  
Accumulated stress, reserve capacity, and disease p0011 N78-11684
- LEVINTHAL, E. C.  
Lander imaging as a detector of life on Mars p0002 A78-11437
- LEVISON, W. E.  
PIVIB: A computer program for analysis of pilot biodynamic and tracking response to vibration [AD-A052361] p0205 N78-24802
- LEVISON, W. E.  
Display analysis with the optimal control model of the human operator p0003 A78-12448
- Model for human controller performance in vibration environments p0077 A78-21729
- Recent advances in modelling the effects of roll motion on the human operator p0077 A78-21730
- A model for the pilot's use of motion cues in steady-state roll-axis tracking tasks [AIAA 78-1593] p0291 A78-50668
- A model for the pilot's use of motion cues in roll-axis tracking tasks [AD-A043690] p0008 N78-10706
- Biomechanical and performance response of man in six different directional axis vibration environments [AD-A052069] p0188 N78-23739
- LEVKOVICH, IU. I.  
Blood flow velocity in brain capillaries during hypoxia p0053 A78-18562
- Flood flow speed in microvessels of skeletal muscle p0241 A78-45987
- A microcinematographic method of studying the rate of circulation in the brain capillaries p0296 A78-52400
- LEVSHINOVA, Z. V.  
Some problems in assessing oculomotor activity during information retrieval p0150 N78-21763
- LEVY, G. C.  
High sensitivity Fourier transform NMR. Intermolecular interactions between environmental toxic substances and biological macromolecules [PB-274011/6] p0109 N78-18675
- LEWELLEN, T. K.  
Total body calcium analysis using the Ca-42(n, alpha) Ar-37 reaction [NASA-CR-151675] p0178 N78-22696
- LEWIS, C. E.  
The interaction of control gain and vibration with continuous manual control performance p0081 A78-22838
- A review of the effects of vibration on visual acuity and continuous manual control. I - Visual acuity. II - Continuous manual control p0099 A78-26247
- Predicting the effects of dual-frequency vertical vibration on continuous manual control performance p0274 A78-50081
- LEWIS, D. H.  
Study of reactive materials for development of new protective clothing concepts [AD-A054877] p0279 N78-30826
- LEWIS, J.  
Some general principles of planetary quarantine leading to an assessment of the limitations to growth of micro-organisms on Uranus and Neptune p0028 A78-15188
- LEWIS, E. A.  
Objective assessment of prior air traffic control-related experience through the use of an occupational knowledge test p0298 A78-52636
- Use of the occupational knowledge test to assign extra credit in selection of air traffic controllers [AD-A053675] p0277 N78-30818
- LEWIS, S. B.  
Glucose delivery - A modulator of glucose uptake in contracting skeletal muscle p0055 A78-19143
- LEWIS, S. M.  
Continuous distributions of specific ventilation recovered from inert gas washout p0131 A78-29033
- Emptying patterns of the lung studied by multiple-breath N2 washout p0131 A78-29034
- LIEDGREN, S. R. C.  
Vestibular and somatosensory interaction in the cat vestibular nuclei p0023 A78-14064
- LIEPSCHE, D.  
Pressure measurements of the wall after bifurcations and visual observation of streaming fluid in glass models of bifurcations p0179 N78-22699
- LIN, D. J.  
Fine morphology of the tectorial membrane - Fresh and developmental p0300 A78-53392
- LIN, J. C.  
Theoretical calculation of frequencies and thresholds of microwave-induced auditory signals p0080 A78-21879
- LIN, H. T.  
Brain monoamines and temperature regulation p0123 N78-19749
- LINCOLN, R. S.  
Transfer of training on manual control systems differing in short period frequency and damping characteristics p0133 A78-29541
- LIND, A. R.  
The lack of influence of reactive hyperemia on exhausting rhythmic or static exercise p0102 A78-26745
- Comparison of metabolic and ventilatory responses of men to various lifting tasks and bicycle ergometry p0235 A78-43789
- Metabolic, cardiovascular, and respiratory factors in the development of fatigue in lifting tasks p0236 A78-43790
- Influence of posture on isometric fatigue p0258 A78-47207
- LINDMAN, H.  
Subjective Lorentz transformations and the perception of motion p0158 A78-35419
- LINDSEY, D. T.  
Chromatic two-pulse resolution with and without luminance transients p0035 A78-16082
- LINDEMAN, J. H.  
Influence of hypoxia on the longitudinal distribution of pulmonary vascular resistance p0141 A78-32325
- LINER, M.  
Preventive effect of a vasodilator on the occurrence of decompression sickness in rabbits p0160 A78-36152
- LINROTH, K.  
Changes in male exercise performance and anthropometric variables between the ages of 19 and 30 p0138 A78-31769
- LINTERN, G.  
Adaptive training of perceptual motor skills: Issues, results and future directions [AD-A050461] p0150 N78-21765
- LINTON, A. T.  
Water quality monitoring system [NASA-CASE-MSC-16778-1] p0165 N78-22589
- LINTON, P. M.  
Operator workload assessment model: An evaluation of a VF/VA-V/STOL system p0288 N78-31757
- LIPP, J. A.  
Effect of atropine upon the cerebrovascular system during GD-induced respiratory depression [AD-A054807] p0276 N78-30811
- LIPSCHITS, M. I.  
Investigation of the regulation system for vertical posture by means of vibrational stimulation of muscle spindles p0071 A78-21178
- LISCHITOVICH, L. I.  
Concerning the modeling of the critical periods of plant ontogenesis as transient processes in the

- organism p0214 A78-41016
- LISECHUK, V. A.  
Modeling of the heart pumping function p0270 A78-48758  
General approach to the modeling of the blood circulation p0271 A78-48762
- LISOVSKEYA, S. A.  
Protective effects of 2-aminobenzimidazole during hyperbaric oxygenation, and state of cerebral nitrogen metabolism p0307 N78-32687
- LISS-SUTER, D.  
A literature review: Problem definition studies on selected toxic chemicals. Volume 4: Occupational health and safety aspects of the fog oils SGF No. 1 and SGF No. 2 and smoke screens generated from them [AD-A055903] p0310 N78-32709
- LITAU, V. G.  
The combined effect of volatile products of thermal oxidation decomposition of lubricating oil and hypoxic hypoxia on the organism p0185 N78-23723
- LITINSKAYA, L. L.  
Multichambered self-oscillating models of biological systems with nonspecific inhibition of active transport p0213 A78-41009
- LITSOV, A. N.  
Information processing under emotionally saturated conditions of activity p0261 A78-47957
- LITTLEFIELD, V. E.  
A temporary threshold shift for self-motion detection following sustained, oscillating linear acceleration p0216 A78-41810  
Visual-field displacements in human beings evoked by acoustical transients p0239 A78-45397
- LITVINTEV, A. I.  
Muscular control of movements with one degree of freedom. I - Single movements p0034 A78-15996
- LIU, C. T.  
Distribution of tissue water and electrolytes in normal rhesus macaques [AD-A052019] p0188 N78-23738
- LIU, Y. K.  
Systems identification scheme for the estimation of the linear viscoelastic properties of the intervertebral disc p0074 A78-21711
- LIUBINA, B. G.  
Hemodynamic mechanisms for maintaining maximal oxygen transport in the human organism p0219 A78-42664
- LIVANOVA, I. A.  
Genetic effects of cosmic radiation on bacteriophage T4Br+/+ - On materials of biological experiment 'Soyuz-Apollo' p0269 A78-48682
- LIVINGSTONE, S. D.  
Measurement of heat stress: Kiowa and Musketeer cockpits [AD-A046388] p0066 N78-15686
- LIVSHITS, N. N.  
Conditioned reflex activity of rats at later periods after the end of flight aboard the Kosmos-605 biosatellite [NASA-TM-75523] p0223 N78-26716
- LIXFELD, W.  
Effects of respiration on cardiac performance p0192 A78-36604
- LOBOVA, T. E.  
Effect of physical loads on some parameters of lipid and carbohydrate metabolism during hypokinesia p0175 N78-22675
- LOBOVITS, D. N.  
Incremental exposure facilitates adaptation to sensory rearrangement p0100 A78-26729
- LOCKHART, J. E.  
The effects of layers of cold weather clothing and type of liner on the psychomotor performance of men [AD-A043835] p0015 N78-11719
- LOEB, E.  
Noise exposure, monitoring and tracking performance as a function of signal bias and task priority p0195 A78-36676  
Annoyance by aircraft noise and fear of overflying aircraft in relation to attitudes toward the environment and community p0196 A78-37535
- LOEHRING, G. S.  
A preliminary human engineering evaluation of hyperbaric control systems [AD-A044044] p0040 N78-12661
- LOELLGEN, E.  
Acute effects of ozone on lung function in humans. p0024 A78-14195
- LOHRMANN, E.  
Formation of nucleoside 5-prime-phosphoramidates under potentially prebiological conditions p0049 A78-17853
- LOKSHINA, Y. N.  
Investigation of personality traits of pilots and navigators p0119 N78-18753
- LOMOV, B. P.  
Characteristics of cosmonaut activities during flight p0261 A78-47951
- LOMCLE, E.  
Prediction of hypothermia in humans as a function of morphological characteristics and of environmental conditions p0132 A78-29298
- LONDEREE, B. R.  
Fatty acid profile and cholesterol in skeletal muscle of trained and untrained men p0050 A78-18083
- LONG, G. E.  
The effect of caffeine on human dark adaptation [AD-A043298] p0095 N78-17665
- LONGBRIDGE, T. E., JR.  
Area of interest/field-of-view research using ASPT [AD-A055692] p0311 N78-32718
- LOOGVA, E.  
P-R interval in relation to heart rate during exercise and the influence of posture and autonomic tone p0004 A78-12475
- LOTH, D.  
Responses of the frog to angular accelerations in weightlessness p0171 N78-22640
- LOTZ, P.  
The importance of the perilymphatic oxygen supply in the cochlea function p0300 A78-53395
- LOTZ, W. G.  
Neuroendocrine responses in the rat and dog exposed to 2450 MHz (CW) microwaves [UR-3490-1080] p0168 N78-22609
- LOUVIERE, A. J.  
New dimensions for man [ATAA PAPER 78-325] p0084 A78-24019
- LOVESEY, E. J.  
In-flight recording of helicopter pilot activity p0090 N78-16624
- LOWE, W. F.  
Inflight measurement of pilot workload - A panel discussion p0161 A78-36158
- LOWE, B.  
Roles of psychologic stress and autonomic nervous system changes in provocation of ventricular premature complexes p0196 A78-37175
- LOWREY, D. L.  
Passenger flow rates between compartments: Straight-segmented stairways, spiral stairways, and passageways with restricted vision and changes of attitude [AD-A051485] p0205 N78-24797
- LOZINSKIY, V. S.  
Autogenic training in a practical course of summer instruction of student pilots p0296 A78-52275
- LOZINSKIY, V. S.  
Autogenic training used for self-regulation of cardiovascular function and prevention of

- neurocirculatory dystonia in pilot candidates  
p0111 N78-18694
- LU, S. T.  
Neuroendocrine responses in the rat and dog  
exposed to 2450 MHz (CW) microwaves  
[UR-3490-1080] p0168 N78-22609
- LU, T. S.  
The origin of biological macromolecules on the  
earth. The hypothesis of inorganic template  
[NASA-TN-75176] p0039 N78-12648
- LUALHATI, R.  
Effects of exercise on sleep  
p0217 A78-42006
- LUCE, R. S.  
An investigation of the reduction of carbon  
dioxide in a silent electric discharge  
[NASA-CR-152146] p0209 N78-25767
- LUERSEN, K. R.  
Are extreme halophiles actually 'bacteria'  
p0211 A78-40192
- LUFKIN, E. G.  
The effects of abrupt altitude exposure (4300 m)  
upon the metabolism of glucose-14 C-UL in man  
[AD-A051764] p0247 N78-28785
- LUKAS, J. H.  
Examination of auditory attention and visual  
evoked potentials  
[AD-A042619] p0097 N78-17682
- LUKIN, A. A.  
Results of biological experiments performed during  
flights  
p0194 A78-36641
- LUKYANOVA, M. F.  
Investigation of personality traits of pilots and  
navigators  
p0119 N78-18753
- LUND, G. P.  
A subcutaneous channeling probe for implanting  
long leads  
p0294 A78-51872
- An inductively powered telemetry system for  
temperature, EFG, and activity monitoring  
[NASA-TN-78486] p0183 N78-23706
- LUNDGREN, P. R.  
Spectrophotofluorometric and electron microscopic  
study of lipofuscin accumulation in the testis  
of aging mice  
p0267 A78-48581
- LUNDQUIST, P. G.  
The mammalian otocyst in vitro. A model system  
for experimental pathology on earth and in space  
p0171 N78-22638
- LUPP, U.  
How presaccadic gratings modify postsaccadic  
modulation transfer function  
p0295 A78-51953
- LURIA, A. R.  
Neurophysiological analysis of complex forms of  
verbal memory  
p0052 A78-18534
- LUSTICK, L.  
Dynamic response of human and primate head and  
neck to lateral Gy impact statement  
[PB-275448/9] p0146 N78-20770
- LUTMAN, M. R.  
The influence of the acoustic reflex on the  
loudness of pulsed pure tones  
p0200 A78-39346
- LUTSENKO, M. M.  
Histochemical study of digestive organs of rats  
following flight on Kosmos-605  
p0115 N78-18722
- Histochemical study of digestive organs of rats  
involved in space flight on the Kosmos-690  
satellite  
p0306 N78-32681
- LY, D. P.  
A model of blood flows studies  
p0178 N78-22698
- LYNE, P. J.  
Altitude tolerance of general aviation pilots with  
normal or partially impaired spirometric function  
p0266 A78-48088
- Altitude tolerance of general aviation pilots with  
normal or partially impaired spirometric function  
[AD-A044557] p0040 N78-12656
- Cardiorespiratory assessment of  
decongestant-antihistamine effects on  
altitude, %z, and fatigue tolerances
- [AD-A055089] p0310 N78-32707
- LYONS, C. J.  
Effects of acute hyperkalemia on cardiac  
excitability  
p0034 A78-15955
- LYSAK, V. R.  
Effect of prolonged hypokinesia on the course of  
acute aseptic inflammation  
p0119 N78-18747
- LYSENKO, S. V.  
Resistance of stratospheric and mesospheric  
micro-organisms to extreme factors  
p0027 A78-15180
- Microorganisms of the upper layers of the  
atmosphere and protective role of their cell  
pigments  
p0269 A78-48712
- LYSON-WOJCIECHOWSKA, G.  
Biological role of terrestrial gravitation  
p0135 A78-29663

## M

- MACAGNO, E. R.  
Mechanism for the formation of synaptic  
projections in the arthropod visual system  
p0296 A78-52372
- MACARTHUR, R. D.  
Alcohol retards visual recovery from glare by  
hampering target acquisition  
p0048 A78-17524
- MACDONALD, R. I.  
Temporal stereopsis and dynamic visual noise  
p0037 A78-17098
- MACHELROY, R. D.  
Computer display and manipulation of biological  
molecules  
p0301 A78-53400
- Space ecosynthesis: An approach to the design of  
closed ecosystems for use in space  
[NASA-TN-78491] p0226 N78-26740
- MACHEGGER, D.  
Effects of respiration on cardiac performance  
p0192 A78-36604
- MACHINO, M.  
Some findings on the inner ear after experimental  
obliteration of the endolymphatic duct and sac  
of guinea pigs  
p0300 A78-53396
- MACHINSKII, G. V.  
Effect of space flights on blood circulation and  
gas exchange during functional loading  
p0194 A78-36636
- MACHINTYRE, N. R.  
Longevity in military pilots - 37-year followup of  
the Navy's '1000 Aviators'  
p0266 A78-48087
- MACK, A.  
The loss of position constancy during pursuit eye  
movements  
p0137 A78-30738
- MACK, R. R.  
Chemical interpretation of Viking Lander 1 life  
detection experiment  
p0099 A78-25560
- MACKENZIE, W. P.  
Use of vectorcardiography for the detection of  
+Gz-related cardiac pathology in miniature swine  
p0241 A78-46410
- MACKINTOSH, A. I.  
Simulation of the docking manoeuvre  
p0141 A78-32225
- MACKO, J. A., JR.  
Toxicological evaluation of Pyrethrins Fogging  
Concentrate (trade name) study No. 51-1309-78  
[AD-A055088] p0282 N78-31715
- MACLEOD, S.  
Identification of alphabetic symbols as a function  
of their location in the visual periphery  
[AD-A049345] p0127 N78-19777
- MADDOCK, J. T.  
Nitrosamines  
[PB-280479/7] p0284 N78-31727
- Strong sensitizers  
[PB-280475/5] p0284 N78-31728
- Acrylonitrile  
[PB-280478/9] p0310 N78-32713
- MAGALASHVILI, R. D.  
A mathematical model of anaerobic energy



- metabolism for evaluating the mechanisms of oxygen debt formation p0105 A78-27713
- MAGAZANIK, A.**  
Heat acclimation, physical fitness, and responses to exercise in temperate and hot environments p0050 A78-18079  
Prediction of heat tolerance from heart rate and rectal temperature in a temperate environment p0050 A78-18080
- MAGDALENO, R. E.**  
Biomechanical models for vibration feedthrough to hands and head for a semisupine pilot p0077 A78-21727
- MAGEDOV, V. S.**  
Dynamics of afferent impulsion in posterior spinal radices of dogs with restricted movement p0308 A78-32696
- MAGEL, J. E.**  
Metabolic and cardiovascular adjustment to arm training p0236 A78-43791
- MAGIN, R. L.**  
Neuroendocrine responses in the rat and dog exposed to 2450 MHz (CW) microwaves [UR-3490-1080] p0168 A78-22609
- MAGRUM, L. J.**  
Are extreme halophiles actually 'bacteria' p0211 A78-40192  
Archaeobacteria p0260 A78-47891
- MAGUIRE, W.**  
A phantom-motion aftereffect p0034 A78-15947
- MAGUIRE, W. M.**  
Spatial frequency and the mediation of short-term visual storage p0017 A78-13117
- MAHER, E. F.**  
Corneal damage thresholds for infrared laser exposure: Empirical data, model predictions, and safety standards [AD-A049946] p0253 A78-29739
- MAHER, J. T.**  
Mechanism of the attenuated cardiac response to beta-adrenergic stimulation in chronic hypoxia p0191 A78-36601  
Hormonal responses of sedentary and exercising men to recurrent heat exposure p0265 A78-48084  
Recurrent heat exposure: Effects on hormonal responses in resting and exercising men [AD-A050539] p0231 A78-27761  
Mechanism of the attenuated cardiac response to beta-adrenergic stimulation in chronic hypoxia [AD-A050147] p0231 A78-27762
- MAIANI, L.**  
Technical and scientific aspects of sanitary and safety problems in nuclear energy production [ISS-P-76/9] p0113 A78-18706
- MAILLARD, R. S.**  
Respiratory activity of mitochondria in corn-root cells, grown under conditions of variable gravity p0293 A78-51394
- MAILLARD, D.**  
Gas exchanges during exercise in normoxia and hyperoxia p0237 A78-43944
- MAINHARDT, J. A.**  
Biofeedback and self-regulation in essential hypertension [AD-A046774] p0066 A78-15687
- MAINS, R. C.**  
Continuous 30-day measurements utilizing the monkey metabolism pod p0030 A78-15201  
Continuous metabolic and cardiovascular measurements on a monkey subject during a simulated 6-day Spacelab mission p0269 A78-48719  
Physiological studies in space with nonhuman primates using the monkey pod p0009 A78-11665  
The pig-tailed monkey (*Macaca nemestrina*) as a space-flight candidate p0010 A78-11678  
Metabolic and cardiovascular adaptation, monkey. NASA SMD 3, project 76, experiment 44 conducted at NASA/JSC, 14-25 May 1977
- [NASA-CR-157159] p0203 A78-24784
- MAISTRACH, E. V.**  
Mathematical modeling of arterial pressure transient processes during the action of vasoactive substances p0214 A78-41014
- MAKALOUS, D. L.**  
Aircrew fatigue in nonstop, transoceanic tactical deployments p0091 A78-16628
- MAKARCHENKO, O. F.**  
Effect of electrical stimulation of posterior hypothalamus structures on the acetylcholinesterase activity of the cortical motor zone in health and under the action of pharmacological agents p0080 A78-22073  
The hypothalamus and the visual system p0081 A78-22075
- MAKAROV, G. F.**  
Justification of the use of artificial gravity in space flight p0261 A78-47959  
Bioenergetics of control in the state of simulated weightlessness p0263 A78-47980
- MAKAROV, V. I.**  
Effect of the physical load on human biorhythms p0022 A78-13586
- MAKEYEVA, V. F.**  
DNA status in rat liver and spleen following flight on Kosmos-605 satellite p0118 A78-18742
- MAKHOV, N. A.**  
Human operator in a spacecraft control system during descent in the atmosphere p0263 A78-47970
- MAKSINOV, A. A.**  
Population dynamics and rhythms of epizootics among rodents correlated with solar cycles p0163 A78-22566
- MAKSINOV, D. G.**  
Evaluation of regional blood filling by means of rheoplethysmography combined with functional tests p0306 A78-32676
- MAKSINOV, N. A.**  
Significance of glycolysis in tissues for the combined action of hypercapnia, hypoxia, and hypothermia p0294 A78-51662
- MAKSINOV, V. A.**  
Changes in protein metabolism during prolonged hypokinesia p0154 A78-33467  
Functional state of the cardiovascular system with regard to the longterm effect of low acceleration p0220 A78-42898
- MAKSINUK, V. F.**  
Role of the paradoxical phase in the organization of the sleep-wakefulness cycle in the rat p0302 A78-53786
- MALACHOWSKI, M. J.**  
Effects of radiation upon the light-sensing elements of the retina as characterized by scanning electron microscopy p0029 A78-15197
- MALAKHOVSKAYA, V. M.**  
Absorptive function of the small intestine during administration of the aerovit drug under motion-sickness conditions p0160 A78-36124
- MALCHIKOV, V. V.**  
Relationship between onset of altitude-decompression disorders in man and barometric pressure level during intensive physical exercise p0120 A78-18758
- MALHOTRA, N. S.**  
Effect of altitude acclimatization on thermoregulation efficiency of man p0157 A78-35107  
Body fluid compartments in rabbits on exposure to acute hypobaric hypoxia p0215 A78-41163  
Haematologic changes in rabbits during acclimatization, deacclimatization, and reinduction to hypoxia p0241 A78-46407

- Changes in EEG pattern during acclimatization to high altitude /3500 m/ in man p0241 A78-46409
- Cold-induced vasodilatation response at different water bath temperatures in monkeys p0242 A78-46411
- HALKIN, V. B.**  
Acute and long-duration hypoxia p0155 A78-34156  
Use of EEG in selecting candidates for flight schools p0235 A78-43698  
Evolution of the space suit p0280 N78-31695
- HALMIVUO, J. A. V.**  
Measurement of the human magnetic heart vector p0048 A78-17265
- HALOPREB, A. A.**  
Detection of terrestrial landmarks during dark adaptation p0264 A78-47984
- HALONE, T. B.**  
Human factors engineering. Part 1: Test procedures [AD-A051481] p0205 N78-24800  
Human factors engineering. Part 2: HEDGE [AD-A051482] p0205 N78-24801
- HALONEY, T. M.**  
Effects of using long breathing hoses upon mask pressure p0100 A78-26730
- HALOOP, P.**  
Zero gravity and cardiovascular homeostasis. The relationship between endogenous hyperprolactinemia and plasma aldosterone [NASA-CR-151715] p0179 N78-22705
- HALSEED, R. T.**  
Nitrosamines [PB-280479/71] p0284 N78-31727  
Acrylonitrile [PB-280478/9] p0310 N78-32713
- HAMONTOVA, L. A.**  
Rhythm of heart contractions in different stages of sleep and during wakefulness p0218 A78-42659
- HANCA, C.**  
Different prognostic value of exercise electrocardiogram in men and women p0220 A78-42925
- HANCI, K. H.**  
A controlled bioassay system for measuring toxicity of heavy metals [PB-267973/6] p0005 N78-10685
- HANDEL, A. D.**  
Effect of space flight on cell-mediated immunity p0018 A78-13270
- HANDELL, A.**  
Condition sensor system and method [NASA-CASE-MSC-14805-1] p0311 N78-32720
- HANENT, P. J.**  
Problems raised by the discovery of a papillary edema in a pilot trainee p0060 A78-20560  
The visual risk of ethambutol treatment - Aeronautical incidences p0132 A78-29296  
Depth vision in aviation p0249 N78-28797  
Visual problems raised by low altitude high speed flight p0249 N78-28798
- HANGUN, B. W.**  
Thermal analysis; Human comfort; Indoor Environments: Proceedings of a Symposium [PB-272862/4] p0069 N78-15704
- HANIS, P. B.**  
Magnification in striate cortex and retinal ganglion cell layer of owl monkey - A quantitative comparison p0032 A78-15313
- HAWO, T.**  
Effects of partial body weightlessness on the vestibulo-ocular reflex in man p0258 A78-47112
- HAWO, Y.**  
Relationship between CO2 levels and decompression sickness - Implications for disease prevention p0100 A78-26726
- HANOVITSEV, G. A.**  
Effect of the combination of dry air heat and cold water treatment on human orthostatic stability p0308 N78-32695
- HANSUROV, T.**  
Dynamics of heart contractions in dogs with experimental renal hypertension under hypoxic hypoxia conditions p0237 A78-44091
- HARANO, J. A.**  
Low atmospheric pressure effects on wearing soft contact lenses p0079 A78-21746
- HARC-ANTOINE, H.**  
Asymptomatic coronary double obstruction revealed in a 32-year-old pilot by exercise testing on a bicycle ergometer p0059 A78-20557
- MARCH, J. D.**  
Flurazepam effects on slow-wave sleep - Stage 4 suppressed but number of delta waves constant p0032 A78-15312
- MARCHETTI, A.**  
NEXT program for evaluating the patient dosage: First results for some X ray diagnostics installations p0145 N78-20762
- MARCUS, P.**  
Effect of clothing insulation beneath an immersion coverall on the rate of body cooling in cold water p0133 A78-29560  
Laboratory comparison of techniques for rewarming hypothermic casualties p0157 A78-35105
- MARENHYYI, A. B.**  
Preliminary results of the Biobloc experiment on the Cosmos 782 flight - Effects of cosmic rays on brine shrimp eggs and tobacco seeds p0029 A78-15195  
Genetic effects of cosmic radiation on bacteriophage T4Br+/ - On materials of biological experiment 'Soyuz-Apollo' p0269 A78-48682
- MARETT, J. R.**  
Task-specific simulator pretraining and in-flight stress of student pilots p0265 A78-48085
- MARGULIS, L.**  
Some general principles of planetary quarantine leading to an assessment of the limitations to growth of micro-organisms on Uranus and Neptune p0028 A78-15188
- MARICHY, J.**  
Thermal characterization of superficial living tissues which have undergone different types of trauma [ONEA, TP NO. 1978-35] p0200 A78-39581
- MARK, A. L.**  
Influence of central venous pressure upon sinus node responses to arterial baroreflex stimulation in man [NASA-CR-155783] p0109 N78-18678  
Influence of low and high pressure baroreceptors on plasma renin activity in humans [NASA-CR-155307] p0112 N78-18701
- MARKARYAN, M. V.**  
Effects of chronic exposure to carbon monoxide on biochemistry of human blood p0119 N78-18748
- MARKELOV, V. V.**  
Radiation protection for Soyuz crews p0193 A78-36631
- MARKHININ, E. K.**  
The formation of protobiological compounds during the eruption of the Tolbachik volcano p0002 A78-11786
- MARKIEWICZ, B. R.**  
Sampled data analysis of a computer-controlled manipulator [NASA-CR-155272] p0042 N78-12670
- MARKIN, V. S.**  
Physics of the nerve impulse p0081 A78-23498
- MARNOLIN, H.**  
Correlations between night vision tests [FOA-C-56014-H9] p0283 N78-31726
- MAROTTE, H.**  
Prediction of hypothermia in humans as a function of morphological characteristics and of environmental conditions p0132 A78-29298

- MARSH-SALIN, J.**  
Tolerance and cross-tolerance using NO<sub>2</sub> and O<sub>2</sub>. II  
- Pulmonary morphology and morphometry  
p0130 A78-29031
- MARSHALL, L.**  
Comparisons among auditory reaction time loudness  
and certain characteristics of the acoustic reflex  
p0224 A78-26723
- MARSHALL, R. D.**  
Evaluation of a spacecraft nitrogen generator  
[NASA-CR-152097]  
p0189 A78-23748
- MARTIN, A. E.**  
The influence of the acoustic reflex on the  
loudness of pulsed pure tones  
p0200 A78-39346
- MARTIN, B. E.**  
The interaction of thrombin and platelets  
p0229 A78-27746
- MARTIN, M. A.**  
Assessment of correction formula for  
echocardiographic estimations of left  
ventricular volumes  
p0155 A78-34084
- MARTIN, R. E.**  
Polymorphonuclear leukocyte response: Experiment  
MA-032  
p0092 A78-17105
- MARTIN, W. D.**  
Time course of change in soleus muscle fibers of  
rats subjected to chronic centrifugation  
p0161 A78-36156
- MARTYSHCHENKO, N. V.**  
Sanitary and hygienic evaluation of water  
regenerated from urine  
p0177 A78-22686  
Experimental substantiation of maximum permissible  
concentrations of acetone and acetaldehyde in  
reclaimed potable water  
p0185 A78-23722
- MARVIN, W. J.**  
Choline acetyltransferase activity in heart -  
Evidence for neuronal and not myocardial origin  
p0055 A78-19144
- MAREZEV, A. B.**  
Distinctive reactions of the body's immunological  
system to the combined effects of physical and  
chemical environmental factors  
p0186 A78-23727
- MASHINSKII, A. L.**  
Biological experiments on the orbital station  
Salyut 4  
p0030 A78-15207  
Apollo-Soyuz test project on biorhythm of  
zone-forming fungi - Preliminary work  
p0031 A78-15212
- MASLENNIKOVA, L. S.**  
Some indices of oxygen exchange and resistance of  
rats to acute hypoxia during posttransfusion  
polycythemia  
p0302 A78-53788
- MASLENNIKOVA, V. S.**  
The ozone problem associated with technical and  
health considerations in aviation  
p0057 A78-20293
- MASON, D. T.**  
Physiological evaluation of pulmonary dilutional  
and enzymatic activity on blood-borne  
catecholamines in cardiocirculatory performance  
p0055 A78-19132
- MASON, J. W.**  
Hormonal responses of sedentary and exercising men  
to recurrent heat exposure  
p0265 A78-48084  
Recurrent heat exposure: Effects on hormonal  
responses in resting and exercising men  
[AD-A050539]  
p0231 A78-27761
- MASSE, D.**  
Error-correcting mechanisms in large saccades  
p0212 A78-40580
- MASSE, B.**  
Hypoxia survival variations in male and female  
mice as functions of chronological and  
environmental factors  
p0265 A78-48082
- MASTENBROOK, S. M., JR.**  
Ventilation-perfusion ratio distributions from  
multiple inert-gas elimination data:  
Mass-spectrometer measurement and nonlinear  
parameter estimation
- MASTERTON, E. B.**  
Monocular vision and landing performance in  
general aviation pilots - Cyclops revisited  
p0132 A78-29539
- MASUREL, G.**  
Ultrasonic detection by the Doppler effect of  
circulating bubbles in humans and animals in  
altitude  
p0059 A78-20553
- MATEEV, S.**  
Saccadic eye movements and localization of visual  
stimuli  
p0299 A78-53083
- MATHESON, I. B. C.**  
The origin of cataracts in the lens from infrared  
laser radiation  
[AD-A046165]  
p0061 A78-14779
- MATHEW, L.**  
Cold-induced vasodilatation response at different  
water bath temperatures in monkeys  
p0242 A78-46411
- MATHEW, O. P.**  
Alterations in left ventricular function in normal  
man on exposure to high altitude /3658 m/  
p0155 A78-34083
- MATIKS, N. I.**  
Contractile function of the myocardium with  
prolonged hypokinesia in patients with surgical  
tuberculosis  
[NASA-TN-75115]  
p0224 A78-26726
- MATLINA, E. SH.**  
Influence of vestibular stimuli on adrenergic and  
cholinergic activity of blood  
p0071 A78-21177  
Interrelationship of catecholamines and  
corticosteroids during muscle fatigue  
p0156 A78-34785
- MATSHININ, V. V.**  
Heat losses and body temperature of albino rats  
during hyperoxia  
p0235 A78-43642
- MATSHNEV, E. I.**  
Selection and training of cosmonauts for flights  
in Soyuz spacecraft  
p0193 A78-36628  
Features of statokinetic reactions  
p0194 A78-36635
- MATSYNIN, V. V.**  
State of energy metabolism in albino rats under  
the action of increased oxygen concentrations  
p0160 A78-36123
- MATTERI, R.**  
Radiographic and biomechanical studies of the  
human spine  
[AD-A049984]  
p0149 A78-21758
- MATTHEWS, C.**  
Deuterolysis of amino acid precursors - Evidence  
for hydrogen cyanide polymers as protein ancestors  
p0024 A78-14127
- MATVEEV, A. D.**  
Features of statokinetic reactions  
p0194 A78-36635
- MATVEEV, I. K.**  
Method for recording the impulsive activity of the  
cortex of the human brain  
p0053 A78-18540
- MAURITZ, K. H.**  
The angle of visual roll motion determines  
displacement of subjective visual vertical  
p0056 A78-19975
- MAXEY, G. C.**  
Human factors engineering. Part 1: Test procedures  
[AD-A051481]  
p0205 A78-24800  
Human factors engineering. Part 2: HEDGE  
[AD-A051482]  
p0205 A78-24801
- MAYHEW, J. E. W.**  
Texture discrimination and Fourier analysis in  
human vision  
p0303 A78-53865
- MAZIN, A. W.**  
Relationship between onset of  
altitude-decompression disorders in man and  
barometric pressure level during intensive  
physical exercise  
p0120 A78-18758
- MAZIN, B.**  
Recuperation after muscular fatigue by 'diverting  
activities'

- A central nervous component in local muscular fatigue p0102 A78-26742
- HAZZIOTTA, J. C. p0102 A78-26743  
Three-dimensional reconstruction and display of anatomical and pathological structures from their serial sections p0086 N78-16598
- HCAPOOSE, D. A. p0134 A78-29564  
Treatment of hypertension in aviators - A clinical trial with Aldactazide
- HCARDLE, W. D. p0236 A78-43791  
Metabolic and cardiovascular adjustment to arm training
- HCARTHUR, W. J. p0160 A78-36151  
Protection against the physiological effects of positive pressure breathing
- HCCARTHY, V. O. p0308 N78-32698  
The relationship between comfortable loudness range and most comfortable loudness for pure tones and speech in sensorineural hearing loss
- HCCAUGHAN, D. p0057 A78-20362  
The orthogonal electrocardiogram in normal women - Implications of sex differences in diagnostic electrocardiography
- HCCLURE, H. H. p0009 N78-11666  
The Orbiting Primate Experiment (OPE)  
The rhesus monkey (*Macaca mulatta*) as a flight candidate p0010 N78-11674
- HCCONVILLE, J. T. p0209 N78-25771  
Comparative anthropometry of air standardization coordinating committee personnel for equipment design: Helmets [AD-A052893]
- HCCOY, D. F. p0015 N78-11717  
The development, maintenance, and mathematical description of tracking behavior in man and the Rhesus Monkey [AD-A043225]
- HCCRACKEN, T. H. p0298 A78-52637  
Gas elimination during a single-stage decompression
- HCCUTCHEON, E. P. p0269 A78-48719  
Continuous metabolic and cardiovascular measurements on a monkey subject during a simulated 6-day Spacelab mission  
Metabolic and Cardiovascular adaptation, monkey. NASA SMD 3, project 76, experiment 44 conducted at NASA/JSC, 14-25 May 1977 [NASA-CR-157159] p0203 N78-24784
- HCDANIEL, H. A. p0226 N78-26738  
A model of human behavior in a fire emergency [PB-277773/81]
- HCDERMOTT, D. J. p0055 A78-19146  
Alterations of postural and Valsalva responses in coronary heart disease
- HCDONALD, E. L. p0159 A78-35850  
The cardiovascular fitness of airline pilots - Report of a working party of the Cardiology Committee of the Royal College of Physicians of London
- HCDONALD, R. p0223 N78-26715  
Compiled data on the vascular aquatic plant program, 1975 - 1977 [NASA-TN-79511]
- HCDONALD, R. I. p0055 A78-19144  
Choline acetyltransferase activity in heart - Evidence for neuronal and not myocardial origin
- HCDUGALL, J. A. p0124 N78-19755  
RF radiation absorption patterns: Human and animal modeling data [PB-274749/1]
- HCDOWALL, D. G. p0082 A78-23648  
Time course of the cerebral circulatory response to metabolic depression
- MCCELHENNEY, J. p0068 N78-15702  
Inflatable body and head restraint [AD-A046477]
- MCCLBREATH, K. W. p0006 N78-10695  
Pilot tracking performance as a function of G stress and seat back angle [AD-A042950]
- MCENULTY, R. E. p0046 N78-13747  
Generalized environmental control and life support system computer program (G189A) configuration control, phase 2 [NASA-CR-151567]
- MCPADDEN, B. W. p0290 A78-50663  
Accurately reproducing pilot's control forces in a flight simulator [AIAA 78-1585]
- MCPADDEN, E. B. p0150 N78-21768  
Aircrew and passenger protective breathing equipment studies [AD-A051002]  
Human respiratory considerations for civil transport aircraft oxygen system [AD-A053223] p0233 N78-27773
- MCPARLAND, A. L. p0130 A78-28832  
Human factors considerations in establishing aircraft collision avoidance system alert thresholds
- MCCEE, L. A. p0238 A78-44131  
Simulator evaluation of three situation and guidance displays for V/STOL aircraft zero-zero landing approaches
- MCGUIRE, D. C. p0318 N78-33741  
Emulation of an advanced G-seat on the advanced simulator for pilot training [AD-A055532]
- MCKENZIE, J. H. p0158 A78-35111  
Stress in air traffic personnel - Low-density towers and flight service stations  
Effects of lithium carbonate on performance and biomedical functions [AD-A044824/1] p0066 N78-15685  
Stress in air traffic personnel: Low-density towers and flight service stations [AD-A046826] p0094 N78-17657  
The effects of altitude and two decongestant-antihistamine preparations on physiological functions and performance [AD-A054793] p0309 N78-32706  
Experimental attempts to evoke a differential response to different stressors [AD-A054795] p0311 N78-32716
- MCKINLEY, R. L. p0273 A78-49898  
Application of commercially available filter components for psychoacoustic testing
- MCKISSICK, B. T. p0290 A78-50654  
The effect of helmet loader G-cueing on pilot's simulator performance [AIAA 78-1573]
- MCLAREN, J. W. p0144 N78-20750  
The configuration of movement of the semicircular canal cupula
- MCLEOD, F. D. p0012 N78-11691  
Transcutaneous measurement of volume blood flow [NASA-CR-155233]
- MCLEOD, H. L. p0085 N78-16590  
The relationship between the acoustic reflex and loudness discomfort in normal and sensorineural ears
- MCMEKIN, R. R. p0075 A78-21714  
Validation of the CALSPAN gross-motion-simulation code with actually occurring injury patterns in aircraft accidents
- MCNILLAN, G. B. p0242 A78-46413  
Effects of increased ambient CO2 on brain tissue oxygenation and performance in the hypoxic rhesus
- MCMURRAY, R. G. p0143 N78-20747  
The physiology of restricted breathing
- MCHANE, S. C. p0082 A78-23648  
Identification of finite state models of a human operator

- [AD-A053017] p0209 N78-25768  
**MCNEE, R. C.**  
 Transfer functions for eye-level blood pressure during +Gz stress p0018 A78-13267
- MCNEIL, R. J.**  
 Use of Inspiratory Minute Volumes in evaluation of rotary and fixed wing pilot workload p0287 N78-31754
- MCNITT, R. E.**  
 Regions of differential cell elongation and mitosis, and root meristem morphology in different tissues of geotropically stimulated maize root apices p0298 A78-52631
- MCNULTY, P. J.**  
 Visual phenomena induced by relativistic carbon ions with and without Cerenkov radiation p0239 A78-45077
- MCPHERSON, R. P.**  
 Calibration of a new ear oximeter in humans during exposure to centrifugation p0131 A78-29035
- MCROY, C. P.**  
 Seagrass literature survey [AD-A054480] p0252 N78-29729
- MDINABADZE, Y. S.**  
 Some clinical aspects of prolonged clinostatic hypokinesia [NASA-TN-75114] p0224 N78-26725
- MEACHAM, B. C.**  
 Personalized, electro-kinematic, neuromuscular model of a human forearm p0077 A78-21726
- MEAD, J.**  
 Mechanics of the human diaphragm during voluntary contraction. I - Statics. II - Dynamics p0217 A78-42004
- MECHTINGER, A.**  
 Heat acclimation, physical fitness, and responses to exercise in temperate and hot environments p0050 A78-18079
- MEDICI, R. G.**  
 Behavioral protocols and preliminary observations of chicks exposed to weak amplitude modulated 450 MHz fields p0166 N78-22595
- MEDVEDEV, O. S.**  
 Modulation of autonomic correlates of emotional stress and adaptive responses p0242 A78-46453
- MEERSON, F. Z.**  
 Heart damage during emotional stress and prophylaxis of this effect with the aid of preliminary adaptation to high-altitude hypoxia p0106 A78-28123  
 Modern concepts on the contraction-relaxation mechanism of the myocardium p0198 A78-38752  
 Effect of hypokinesia on the contractile function and neural regulation of the heart p0302 A78-53789
- MEGILDADZE, V. A.**  
 Effects of weightlessness and hypokinesia on contractility of bundles of glycerin-treated rat muscle fibers p0307 N78-32689
- MEGOREY, E.**  
 Hornet building orientation in a vertically rotating centrifuge p0269 A78-48713  
 Hypergravity - Its effect on the estrous cycle and hormonal levels in female rats p0270 A78-48722
- MEIER, M. J.**  
 Effects of hyperbaric oxygen and glutathione on mammalian liver metabolism p0242 A78-46412
- MEINERT, J. C.**  
 Circadian dyschronism and chronotypic ecophilia as factors in aging and longevity [COMP-770412-1] p0044 N78-13731
- VELACCI, P. T.**  
 Real-time compression of ECG data - Technical realization p0293 A78-51459
- MELKOSIAN, D. S.**  
 Mathematical description of synapse behavior under conditions of rhythmic stimulation p0099 A78-25625
- MELNIK, S. G.**  
 Psychophysiological characteristics of pilot activity during low-altitude flights over the sea p0266 A78-48410
- MELNIKOVA, Y. P.**  
 Effect of prolonged hypokinesia on the course of acute aseptic inflammation p0119 N78-18747
- MELSA, J. L.**  
 Efficient digitization methods for electrocardiograms p0083 A78-23904
- MELTON, C. E.**  
 Stress in air traffic personnel - Low-density towers and flight service stations p0158 A78-35111  
 Stress in air traffic personnel: Low-density towers and flight service stations [AD-A046826] p0094 N78-17657  
 Three reports relevant to stress in aviation personnel [AD-A051690] p0308 N78-32699  
 Experimental attempts to evoke a differential response to different stressors [AD-A054795] p0311 N78-32716
- MELTON, C. E., JR.**  
 Effects of ground trainer use on the anxiety of students in private pilot training p0101 A78-26736
- MELVIN, J. W.**  
 Whole body response of the hybrid 3 anthropomorphic test device [PB-268702/8] p0008 N78-10708  
 Safety helmet-head interaction study using high-speed cineradiography [PB-277289] p0209 N78-25772
- MENDOZA, S. A.**  
 Lack of protection against oxygen toxicity by in vivo protective agents in the isolated toad bladder p0157 A78-35102
- MENDZHERITSKAYA, L. G.**  
 Protective effects of 2-aminobenzimidazole during hyperbaric oxygenation, and state of cerebral nitrogen metabolism p0307 N78-32687
- MENGUY, C.**  
 Responses of the frog to angular accelerations in weightlessness p0171 N78-22640
- MEWITSKII, D. N.**  
 Complex evaluation of the functional state of a human operator in control systems p0023 A78-13597  
 Effect of antiorthostatic exposure on heart-rate dynamics and quality of tracking by human operator p0071 A78-21179  
 Some aspects and achievements of the application of mathematical analysis to cardiac rhythmology p0198 A78-38753  
 Mechanisms of self-regulation of the functional system of tracking in normal and pathological states p0263 A78-47979  
 Realignment of the cardiovascular system of a human operator under the action of negative gravity p0270 A78-48760
- MENON, K. M. J.**  
 Effects of high altitude on plasma concentrations of testosterone and pituitary gonadotropins in man p0100 A78-26727
- MENSHONKOVA, T. N.**  
 Specific characteristics of the effect of UV laser radiation on the survival of microorganisms p0217 A78-42635
- MERHAV, S. J.**  
 Effectiveness of basic display augmentation in vehicular control by visual field cues p0271 A78-49262
- MEEKIS, A. I.**  
 Biological experiments on the orbital station Salyut 4 p0030 A78-15207
- MEROZ, A.**  
 Heat acclimation, physical fitness, and responses to exercise in temperate and hot environments p0050 A78-18079

- Prediction of heat tolerance from heart rate and rectal temperature in a temperate environment  
p0050 A78-18080
- MERTEN, A. A.  
Pathways participating in conducting osteoreceptive signals to the Deiters vestibular nucleus  
p0197 A78-37856
- MERTENS, H.  
Model of the supine human body and its reactions to external forces  
p0076 A78-21723  
Nonlinear behavior of sitting humans under increasing gravity  
p0077 A78-21725  
Preliminary investigation of using the centrifuge and light aircraft for training payload specialists [DLR-IB-355-76/06]  
p0044 A78-13734
- MERTENS, R. W.  
Perceived orientation of a runway model in nonpilots during simulated night approaches to landing  
p0133 A78-29556  
Comparison of the visual perception of a runway model in pilots and nonpilots during simulated night landing approaches  
p0265 A78-48076  
Perceived orientation of a runway model in nonpilots during simulated night approaches to landing [AD-A044553]  
p0041 A78-12668  
Comparison of the visual perception of a runway model in pilots and nonpilots during simulated night landing approach [AD-A054450]  
p0249 A78-28806
- MESHCHERIAKOV, I. P.  
Engineering-psychological analysis of information display systems  
p0216 A78-41368  
Construction and investigation of an information model of the process of approach of piloted spacecraft  
p0241 A78-46082
- MESHCHERIAKOV, V. A.  
Temporal limitations of processing of visual information by a human operator  
p0196 A78-37745
- MESHCHERIAKOV, V. P.  
Dynamics of conditioned-reflex realignments of human visual recognition and detection  
p0106 A78-28124
- METKA, H.  
Assignment of particle tracks to spores of *Bacillus subtilis* on silver chloride detectors  
p0029 A78-15192
- METKER, L. W.  
Toxicological evaluation of Pyrethrins Fogging Concentrate (trade name) study No. 51-1309-78 [AD-A055088]  
p0282 A78-31715
- METLIK, V. I.  
Radio telegraphy as a realistic test for investigating an astronaut's activity  
p0262 A78-47964  
Human operator in a spacecraft control system during descent in the atmosphere  
p0263 A78-47970  
Visual work capacity of an operator  
p0264 A78-47985  
Effect of spectral filtering during continuous two-day work  
p0264 A78-47986
- MEURNAN, K.  
Permanent changes in the spines of military parachutists  
p0161 A78-36159
- MEYER, A.  
The influence of tobacco from a medical standpoint on French pilots  
p0094 A78-17660
- MEYER, G. E.  
Spatial frequency and the mediation of short-term visual storage  
p0017 A78-13117
- MEYERS, H. I.  
Automatic detection of alternations in pulmonary venous pressure [LA-OR-77-531]  
p0044 A78-13732
- MEYLAN, W. M.  
Information profiles on potential occupational hazards [PB-276678/0]  
p0180 A78-22712
- MEYNIEL, G.  
Effects of X-rays on the rat retina and on rhodopsin  
p0172 A78-22644
- MEYZEROV, Y. S.  
Conditioned reflex activity of rats at later periods after the end of flight aboard the Kosmos-605 biosatellite [NASA-TM-75523]  
p0223 A78-26716
- MIASHNIKOV, V. I.  
Optimization of the professional activity of a cosmonaut  
p0021 A78-13576  
Optimization of the habitation environment  
p0021 A78-13577  
The forming of sensory motor habits of control and the verification of their stability as a factor in the increased reliability of an operator in a technical system complex  
p0022 A78-13587  
The problem of self-regulation of posture  
p0023 A78-13598  
Dependence of the estimation of human state on the personal characteristics of the estimator  
p0023 A78-13599  
Selection and training of cosmonauts for flights in Soyuz spacecraft  
p0193 A78-36628  
Features of statokinetic reactions  
p0194 A78-36635  
Effect of vitamin and amino acid supplements on human performance during heavy mental and physical work  
p0298 A78-52638
- MICHAEL, S. D.  
Embryonic implantation, dietary intake, and plasma GH concentration in pregnant mice exposed to hypoxia  
p0157 A78-35104
- MICHAELSON, S. M.  
Neuroendocrine responses in the rat and dog exposed to 2450 MHz (CW) microwaves [UR-3490-1080]  
p0168 A78-22609  
Health and safety of high voltage transmission lines [UR-3490-1255]  
p0248 A78-28792
- MICHAUD, R. B.  
Urine collection device [NASA-CASE-MSC-16433-1]  
p0229 A78-27750
- MICHEL, P.  
Modifications of pulmonary surfactant under hyperbaric conditions in rats - Role of oxygen and diluting gas under partial pressure  
p0058 A78-20543
- MICHELSON, R. C.  
Automated tracking of the Florida manatee (*Trichechus manatus*) [NASA-CR-157040]  
p0207 A78-25752
- MICKLEY, G. A.  
Persistence of lateral hypothalamic-mediated behaviors after a supralethal dose of ionizing radiation  
p0214 A78-41159
- MIDDLETON, J. R.  
A comparison of the relative merits of Baralyme and Sodasorb [AD-A052559]  
p0206 A78-24804
- MIKZIN, P. M.  
Magnification in striate cortex and retinal ganglion cell layer of owl monkey - A quantitative comparison  
p0032 A78-15313
- MIKHAILOV, V. M.  
Effect of space flights on blood circulation and gas exchange during functional loading  
p0194 A78-36636
- MIKHAILOVA, G. P.  
Blood flow speed in microvessels of skeletal muscle  
p0241 A78-45987
- MIKHAILOVSKII, G. P.  
Selection and training of cosmonauts for flights in Soyuz spacecraft  
p0193 A78-36628
- MIKHALEVA, N. P.  
Effects of weightlessness and hypokinesia on contractility of bundles of glycerin-treated rat muscle fibers

- Electrolyte content of the myocardium, skeletal muscles and blood of rats during prolonged hypokinesia and readaption p0307 N78-32689
- MIKHAYLON, I. A. p0308 N78-32692  
Copper, molybdenum, iron and manganese metabolism in rat tissues in response to a 50 Hz electric field
- MIKHAYLOV, V. M. p0187 N78-23730  
Technique for selective catheterization of the heart and great vessels used in biomedical studies of healthy individuals
- MILHAUD, C. L. p0110 N78-18686  
The use of a primate as an experimental model aboard Spacelab
- The evaluation and control of the risks of contamination during the course of experiments with animals in the space environment p0058 A78-20545
- Study of the specific effects of microwaves on the central nervous system. I - Demonstration of modifications of cerebral electrogenesis in the rat p0059 A78-20550
- MILLER, A. T. p0257 A78-46953  
Effect of weightlessness and of artificial gravity on irradiated lettuce seeds
- MILLER, C. W. p0031 A78-15210  
Transcutaneous measurement of volume blood flow [NASA-CR-155233] p0012 N78-11691
- MILLER, F. J. p0064 N78-15676  
A mathematical model of transport and removal of ozone in mammalian lungs
- MILLER, J. p0295 A78-51955  
Binocular interactions during establishment of McCollough effects
- MILLER, J. H. p0157 A78-35102  
Lack of protection against oxygen toxicity by in vivo protective agents in the isolated toad bladder
- MILLER, J. J., JR. p0063 N78-14788  
Program documentation for the head switching software package [AD-A046175]
- MILLER, W. D. p0282 N78-31719  
An experimental investigation of the effect of 1.06 micrometers laser light on the transparent ocular media [AD-A055650]
- MILLER, E. A. p0272 A78-49273  
Describing the human operator's internal model of a dynamic system
- Identification of finite state models of a human operator [AD-A053017] p0209 N78-25768
- MILLER, E. J. p0226 N78-26741  
G-seat system step input and sinusoidal response characteristics [NASA-TN-78478]
- MILLER, E. L. p0278 N78-30822  
Molecular sieve generation of aviator's oxygen: Breathing gas composition as a function of flow, inlet pressure, and cabin altitude [AD-A054240]
- MILLER, S. L. p0027 A78-15179  
Detection of optical asymmetry in amino acids by gas chromatography for extraterrestrial space exploration - Results of a new soil processing scheme with breadboard instrumentation
- MILWE, A. C. p0023 A78-14064  
Vestibular and somatosensory interaction in the cat vestibular nuclei
- MIMBS, J. W. p0017 A78-13148  
The effect of respiration on normal and abnormal Q waves - An electrocardiographic and vectorcardiographic analysis
- MINURA, H. H., JR. p0141 A78-32136  
Acoustic evaluation of an aircraft canopy fracture emergency egress system
- MINAEV, S. A. p0021 A78-13582  
Use of half-scale modeling for optimizing systems of manual control
- Construction and investigation of an information model of the process of approach of piloted spacecraft p0241 A78-46082
- MIWARD, R. p0024 A78-14127  
Deuterolysis of amino acid precursors - Evidence for hydrogen cyanide polymers as protein ancestors
- MINIAEV, V. I. p0197 A78-37750  
Characteristics of voluntary control of respiratory movements in man during muscular work of varying power
- MINOR, A. V. p0072 A78-21196  
Cyclic adenosine-3,5-monophosphate and photoreceptor potential of the retina in vertebrates
- NIQUEL, J. p0267 A78-48581  
Spectrophotofluorometric and electron microscopic study of Lipofuscin accumulation in the testis of aging mice
- NIREJOVSKA, E. p0235 A78-43747  
Effect of intermittent high altitude hypoxia on the synthesis of collagenous and non-collagenous proteins of the right and left ventricular myocardium
- NIROHENKO, V. I. p0270 A78-48757  
Use of a mathematical model for identifying the role of the cardiac component in the regulation of hemodynamics
- Investigation of the role of basic parameters of blood circulation in the regulation of hemodynamic by means of a mathematical model, identified in an experiment p0271 A78-48761
- NIROHETS, N. V. p0185 N78-23722  
Experimental substantiation of maximum permissible concentrations of acetone and acetaldehyde in reclaimed potable water
- NIROSHNIKOVA, Y. B. p0125 N78-19761  
Effects of space flights and concomitant radiation on amino acid metabolism in rat skeletal muscles
- Dynamics of free amino acid levels in human blood plasma during bed rest in head down position p0306 N78-32677
- NIIRAKHIMOV, M. M. p0219 A78-42665  
Characteristics of variation of hemodynamics during high-altitude hypoxia
- NIIRVIS, D. M. p0130 A78-28950  
Harmonic analysis of the left ventricular pressure waveform of the primate
- NIISRA, J. C. p0134 A78-29591  
Axisymmetric vibration of human skull-brain system
- NIITAI, G. p0258 A78-47112  
Effects of partial body weightlessness on the vestibulo-ocular reflex in man
- Retinal hemorrhage in high mountain climbers p0258 A78-47113
- MITCHELL, A. p0043 N78-13726  
Assessment of future national and international problem areas. Volume 2: The effects of stress on individuals and society [SRI-77-206-VOL-2]
- MITCHELL, R. E. p0266 A78-48087  
Longevity in military pilots - 37-year followup of the Navy's '1000 Aviators'
- HITTER, S. K. p0083 A78-23881  
A prototype system for automated interpretation of vectorcardiograms

- MIYASHITA, H.  
Differences in cardio-respiratory responses to  
exhaustive exercise between athletes and  
non-athletes  
p0201 A78-39747
- MIYAMOTO, K.  
Human engineering data for aircraft design. III -  
Aircrew station vision requirement for military  
aircraft  
p0001 A78-10199  
Quality of pilot landing performance and visual  
information about altitude and distance  
p0191 A78-36326  
Visual problems of pilots - Study on distance  
judgement of pilots  
p0293 A78-51500
- MIYUTANI, H.  
The evolution of the protein synthesis system. I -  
A model of a primitive protein synthesis system  
p0056 A78-19363
- MERTCHIAN, O. A.  
Mathematical description of synapse behavior under  
conditions of rhythmic stimulation  
p0099 A78-25625
- MOACANYIN, J.  
Synthesis and biological screening of novel hybrid  
fluorocarbon hydrocarbon compounds for use as  
artificial blood substitutes  
[NASA-CR-155781]  
p0112 A78-18702  
Process for manufacturing cannula  
[NASA-CASE-WFO-14073-1]  
p0208 A78-25762
- MOCKFORD, J. W.  
Classification of sleep stage with period analysis  
features derived from the EEG  
p0101 A78-26737
- MODELL, M.  
Technology requirements for closed-ecology life  
support systems applicable to space habitats  
[AAS 77-273]  
p0195 A78-36724  
Technology requirements for non-terrestrial  
ecosystems  
p0268 A78-48666
- MODUGNO, G. C.  
The Critical Central Retinal Fusion Frequency  
(CCRF) as a test of the retinal circulatory  
function and its relation with encephalic  
circulation  
p0172 A78-22643
- MOFFATT, M. E.  
Preliminary design of an accident information  
retrieval system (AIRS)  
[AD-A055590]  
p0116 A78-18730
- MOSEDOVICH, M. R.  
Physiology of antiorthostatism  
p0116 A78-18730
- MOGILNAYA, G. M.  
Histochemical study of digestive organs of rats  
following flight on Kosmos-605  
p0115 A78-18722  
Histochemical study of digestive organs of rats  
involved in space flight on the Kosmos-690  
satellite  
p0306 A78-32681
- MOHLER, S. R.  
U.S. fatal general aviation accidents due to  
cardiovascular incapacitation: 1974-75  
p0298 A78-52644
- MOISE, S. L., JR.  
Development of neurophysiological and behavioral  
metrics of human performance  
[AD-A053018]  
p0232 A78-27770
- MOISEV, V. A.  
Significance of supraspinal mechanisms in adaptive  
responses of the cardiovascular system during  
postural change  
p0218 A78-42661
- MOKRUSHIN, A. A.  
Study of transient processes in the visceral  
analyzer  
p0213 A78-41012
- MOLCHANOV, A. P.  
Possibility of existence of an auditory-feedback  
mechanism at the periphery of hearing  
p0106 A78-28122
- MOLE, P. A.  
Increased contractile potential of papillary  
muscles from exercise-trained rat hearts  
p0154 A78-33524
- MOLINA, T. C.  
Microbial exchange: Experiment AR-002  
p0092 A78-17103
- MOLLER, A.  
Review of animal experiments  
p0240 A78-45505
- MOLTON, P. M.  
Polymers to living cells - Molecules against entropy  
p0198 A78-38449
- MOMAHAN, J. C.  
Free-operant avoidance and escape from microwave  
radiation  
p0166 A78-22593  
Microwave absorption and taste aversion as a  
function of 915 MHz radiation  
p0166 A78-22594
- MORIN, V. L.  
Biological model of a self-adjusting filter  
p0262 A78-47965
- MORKE, D. L.  
Head rotational spectral characteristics during  
two-dimensional smooth pursuit tasks  
p0272 A78-49263
- MORKE, T. H.  
Sequential expectancy in visual search  
p0054 A78-18825
- MOROD, H.  
Neuromuscular hyperexcitability and occupational  
selection  
p0139 A78-31802
- MORTI, R.  
On some fluid mechanical solutions for long term  
extracorporeal oxygenators  
p0055 A78-19033
- MORTUORI, A.  
Relationship between osmotic pressure of the blood  
and secretion of sweat  
[NASA-TN-75461]  
p0313 A78-33703
- MOONEY, V.  
A prosthesis coupling  
[NASA-CASE-KSC-11069-1]  
p0181 A78-22721
- MOORE-EDD, M. C.  
Environmental synchronizers of squirrel monkey  
circadian rhythms  
p0033 A78-15520  
Cortisol-mediated synchronization of circadian  
rhythm in urinary potassium excretion  
p0049 A78-17646  
Thermoregulation is impaired in an environment  
without circadian time cues  
p0084 A78-24818  
Comparison of synchronization of primate circadian  
rhythms by light and food  
p0134 A78-29640  
Circadian rhythm dissociation in an environment  
with conflicting temporal information  
p0299 A78-52699
- MOORE, L. G.  
Effects of high altitude on plasma concentrations  
of testosterone and pituitary gonadotropins in man  
p0100 A78-26727
- MOORE, R. K.  
Temporal properties of the human visual nervous  
system  
p0037 A78-17097  
Contrast sensitivity during saccadic  
eye movements  
p0295 A78-51954
- MORA, F.  
Role of brain Ca<sup>2+</sup>/2+ in central control of body  
temperature during exercise in the monkey  
p0050 A78-18081
- MORAWIE, R.  
Physico-chemical treatment of pond effluents for  
unrestricted agricultural reuse with recovery of  
algae as protein source: Pilot and field scale  
experiments  
p0207 A78-25750
- MORAN, S. V.  
Annoyance by aircraft noise and fear of overflying  
aircraft in relation to attitudes toward the  
environment and community  
p0196 A78-37535
- MORDOVSKAYA, L. G.  
The forming of sensory motor habits of control and  
the verification of their stability as a factor  
in the increased reliability of an operator in a  
technical system complex  
p0022 A78-13587



- MORENIKOVA, S. A.**  
Effect of prolonged space flight on protein biosynthesis in various rat organs and tissues  
p0118 N78-18743
- MORESSI, W. J.**  
Food and oxygen requirements for growing mice and turtles after hypergravitational development  
p0030 A78-15204
- MOREY, E. R.**  
Inhibition of bone formation during space flight  
p0292 A78-51225
- MORF, M.**  
Effect of gravity on lymphocyte activation  
p0267 A78-48604  
Biocybernetic factors in human perception and memory  
[AD-A043773] p0007 N78-10702
- MORGAN, J. E.**  
Condition sensor system and method  
[NASA-CASE-HSC-14805-1] p0311 N78-32720
- MORGAN, M. J.**  
Perceptual effect of pursuit eye movements in the absence of a target  
p0236 A78-43924  
Smooth eye tracking and the perception of motion in the absence of real movement  
p0294 A78-51951
- MORGAN, T. R.**  
Preliminary analysis of available inflight respiratory data  
[AD-A054241] p0278 N78-30823
- MORGAN, W. P.**  
Perception of effort during constant work to self-imposed exhaustion  
[AD-A051275] p0246 N78-28782
- MOROZOV, G. I.**  
Theoretical foundations for the design of life support systems  
p0155 A78-34157
- MOROZOV, V. G.**  
Characterization and study of the mechanism of the thymus factor /thymarine/  
p0241 A78-45988
- MORRIS, F. A.**  
Distribution of phytoplankton in Tennessee lakes  
[PB-280139/7] p0276 N78-30803  
Distribution of phytoplankton in Ohio lakes  
[PB-280140/51] p0276 N78-30804
- MORRIS, J. B.**  
Seat belt performance in 30 M.P.H. barrier impacts  
[PB-269962/7] p0015 N78-11721
- MORRIS, M. K.**  
Distribution of phytoplankton in Tennessee lakes  
[PB-280139/7] p0276 N78-30803  
Distribution of phytoplankton in Ohio lakes  
[PB-280140/51] p0276 N78-30804
- MORRISON, P.**  
The search for extraterrestrial intelligence (SETI)  
[NASA-SP-419] p0122 N78-18771
- MORRISON, T. E.**  
The effect of caffeine on human dark adaptation  
[AD-A043298] p0095 N78-17665
- MORRISSEY, J. M.**  
Variability of oxygen affinity of normal blood - An automated method of measurement  
p0259 A78-47209
- MORSE, M. L.**  
Cellular glutathione is a key to the oxygen effect in radiation damage  
p0099 A78-25561
- MORTON, A. E.**  
Total and alactic oxygen debts after supramaximal work  
p0201 A78-39750
- MORUKOV, B. V.**  
Distinctions of fluid and electrolyte metabolism and renal function in crew members of the first Salyut-4 expedition  
p0110 N78-18685
- MOSKALENKO, I. U. E.**  
Functional stability of cerebral circulation  
p0242 A78-46451  
Aspects of a systems approach to the analysis of the vascular mechanisms of the brain  
p0270 A78-48759
- MOSKALEVA, G. P.**  
Changes in peripheral blood of crew members of the Salyut-4 orbital station  
p0174 N78-22669
- MOSKATOVA, Z. A.**  
Influence of local decompression on serum sodium and potassium contents in athletes during exercise on a wrist ergograph  
p0129 A78-28493
- MOSTOVNIKOV, V. A.**  
Regulation of the functional activity of human cells by means of laser radiation  
p0071 A78-20822
- MOULART, P.**  
The application of in-vivo measurements of bone strain to Spacelab program. Preliminary results  
p0174 N78-22664
- MOULDING, T. S.**  
Possible designs of medication monitors  
[PB-278973/3] p0232 N78-27766
- MOUREAU, E. E.**  
Human factors requirements for fingertip reach controls  
[PP-278811/5] p0250 N78-28808
- MOUSAVINEZHAD, S. E.**  
Implantable electromagnetic field probes in finite biological bodies  
p0086 N78-16593
- MOUSSA-HAMOUA, E.**  
Human factors requirements for fingertip reach controls  
[PB-278811/5] p0250 N78-28808
- MOVCHAN, I. U. L.**  
Visual evaluation of simulated elements of lunar relief  
p0264 A78-47987  
Psychological state of the operator and visual evaluation of lunar relief  
p0264 A78-47988
- MOVSIAN, L. A.**  
On the origin of Korotkov sounds at diastole  
p0129 A78-28725
- MOYAT, P.**  
Alpha-2-macroglobulin dosage, protamine test, and vascular-risk factors detected in civilian and military flight personnel  
p0059 A78-20555
- MOYER, S. M.**  
An objective indicant of binocular vision in humans - Size-specific interocular suppression of visual evoked potentials  
p0055 A78-19224
- MOZIN, V. A.**  
Effect of vestibular and optokinetic stimuli on the speed of processing information by an operator  
p0137 A78-30785
- MUCHNIK, C.**  
A rheological model for research on cochlear hypoxia  
p0300 A78-53394
- MUEHL, G. E.**  
Human circadian rhythms in resting and exercise pulse rates  
p0019 A78-13477
- MUELLER, W. H.**  
Multinational Andean Genetic and Health Program. VII - Lung function and physical growth - Multivariate analyses in high- and low-altitude populations  
p0298 A78-52639
- MUKHINA, N. N.**  
Clinical and biochemical aspects of human adaptation to central Antarctica as applied to problems of space biology and medicine  
p0118 N78-18746  
Immunological reactivity and prediction of allergic complications in the crew of the second expedition of Salyut-4  
p0183 N78-23710
- MUKROWSKY, W.**  
Spacelab life support and habitability systems growth for extended mission durations  
[AIAA PAPER 78-1672] p0295 A78-51997
- MULLANEY, P. F.**  
Laser backscattering measurements on biological cells: Preliminary results  
[LA-UR-76-2462] p0085 N78-16588
- MULLEN, S. R.**  
Effects of lithium carbonate on performance and biomedical functions  
[AD-A044824/1] p0066 N78-15685  
The effects of altitude and two decongestant-antihistamine preparations on physiological functions and performance

- [AD-A054793] p0309 N78-32706  
**MULLIN, J. P.**  
 Oxygen consumption during constant-load exercise  
 p0297 A78-52540
- MUMFORD, W. W.**  
 The description of a system to irradiate cells in culture with microwaves  
 p0167 N78-22607
- MUSRO, H. W.**  
 Potential use of nutritional factors to optimize performance under stress  
 [NASA-CR-151676] p0181 N78-22718
- MURALIDHARAN, R.**  
 Closed loop models for analyzing the effects of simulator characteristics  
 [AIAA 78-1592] p0291 A78-50667
- MURASHKO, V. V.**  
 Reaction of the digestive system to the effect of spaceflight factors  
 p0194 A78-36639
- MURATALIEV, T. M.**  
 Characteristics of variation of hemodynamics during high-altitude hypoxia  
 p0219 A78-42665
- MURDOCH, B. D.**  
 The electroencephalogram in aircrew selection and aviation medicine: A survey of literature  
 [CSIR-SP-PERS-268] p0207 N78-25756
- MURPHY, B. G.**  
 Models of the pressure volume relationship of the human lung  
 p0140 A78-32041
- MURPHY, B. J.**  
 Pattern thresholds for moving and stationary gratings during smooth eye movement  
 p0211 A78-40578  
 Velocity matching during smooth pursuit of different targets on different backgrounds  
 p0212 A78-40584
- MURPHY, M. R.**  
 Simulator evaluation of three situation and guidance displays for V/STOL aircraft zero-zero landing approaches  
 p0238 A78-44131
- MURRAY-SMITH, D. J.**  
 Simulation of the docking manoeuvre  
 p0141 A78-32225
- MURTHY, V. K.**  
 Evaluation of automated ECG monitoring - Theoretical model based upon point process techniques  
 p0001 A78-10063
- MUSIASCHIKOVA, S. S.**  
 Study of transient processes in the visceral analyzer  
 p0213 A78-41012
- MUSIENKO, L. P.**  
 Participation of erythrocytes in blood coagulation and fibrinolysis in healthy man  
 p0237 A78-44093
- MUSTAJOKI, P.**  
 Permanent changes in the spines of military parachutists  
 p0161 A78-36159
- MUZALEVSKAYA, W. I.**  
 The biological activity of the disturbed geomagnetic field  
 p0163 N78-22571
- MUZET, A.**  
 Noise-induced sleep disturbances and their effects on health  
 p0240 A78-45508
- MUZZY, W. H.**  
 Dynamic response of human and primate head and neck to lateral Gy impact statement  
 [PB-275448/9] p0146 N78-20770
- MYAHOTO, S.**  
 Metabolism of 181W-labeled sodium tungstate in goats  
 [POA-C-40070-A3] p0252 A78-29732
- MYASNIKOV, V. I.**  
 Some psychoneurological requirements in assessing inflight functional state of cosmonauts  
 p0115 N78-18721
- MYERS, R. D.**  
 Role of brain Ca<sup>2+</sup> in central control of body temperature during exercise in the monkey  
 p0050 A78-18081
- MYERS, W. R.**  
 Silica dust test for respiratory protective devices  
 p0227 N78-26746
- MYERSON, J.**  
 Magnification in striate cortex and retinal ganglion cell layer of owl monkey - A quantitative comparison  
 p0032 A78-15313
- MYHRE, L. G.**  
 Physiological and psychological effects of heat stress simulating cockpit conditions  
 p0160 A78-36153
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- NABELEK, I. V.**  
 An audiometric and histologic comparison of noise- and drug-induced cochlear pathology in the chinchilla  
 p0301 A78-53398
- NAPTCHI, N. E.**  
 Beta-receptor influence on lung vasoconstrictor responses to hypoxia and humoral agents  
 p0049 A78-18077
- NAG, P. K.**  
 Optimal rate of work for mountaineers  
 p0217 A78-42007
- NAGANO, T.**  
 Spatial frequency responses of the human visual system  
 [CIRC-193] p0187 N78-23735
- NAGASAWA, A.**  
 Evaluation method of mental workload under flight conditions  
 p0215 A78-41168
- NAGASAWA, Y.**  
 Auditory evoked potentials elicited by tones and voice as the alarm signal  
 p0191 A78-36328
- NAGLE, P. J.**  
 Transient O<sub>2</sub> uptake response at the onset of exercise  
 p0082 A78-23604  
 Oxygen consumption during constant-load exercise  
 p0297 A78-52540
- NAGOURNEY, B. A.**  
 Mental rotation under head tilt - Factors influencing the location of the subjective reference frame  
 p0299 A78-53084
- NAGY, B.**  
 Ultraviolet-photoproduced organic solids synthesized under simulated Jovian conditions - Molecular analysis  
 p0105 A78-28049
- NAIR, P.**  
 Myocardial PO<sub>2</sub> distribution - Relationship to coronary autoregulation  
 p0154 A78-33523
- NAKAGAWA, C.**  
 Photochemical synthesis of organic compounds on Jupiter initiated by the photolysis of ammonia  
 p0028 A78-15187
- NAKAJIMA, J.**  
 Microbiological study of bioecological system. I  
 p0258 A78-47111  
 Changes of closely related enzymes and minerals to neuro-muscular systems of albino rats, during prolonged exposure to simulated hypogravics  
 p0268 A78-48645
- NAKAMIZO, S.**  
 Changing fixation in the transverse plane at eye level and Hering's law of equal innervation  
 p0211 A78-40577  
 Nonadditivity of vergence and saccadic eye movement  
 p0221 A78-43184
- NAKAMURA, M.**  
 Personality characteristics of pilots on EPPS, MP I and DOSEPU test. I  
 p0191 A78-36327
- NAKAYA, M.**  
 Microbiological study of bioecological system. I  
 p0258 A78-47111  
 Changes of closely related enzymes and minerals to neuro-muscular systems of albino rats, during prolonged exposure to simulated hypogravics  
 p0268 A78-48645
- NAKAYAMA, K.**  
 Egocentric orientation is influenced by trained voluntary cyclorotary eye movements  
 p0294 A78-51856

- Impedance cardiography for estimating cardiac output during submaximal and maximal work p0297 A78-52544
- NAKHILITSKAYA, Z. N.**  
Electrolyte content of blood and potassium ion transport in erythrocytes of animals exposed to a steady magnetic field p0116 N78-18727
- Effect of superhigh intensity constant magnetic fields on morphological composition of peripheral blood p0119 N78-18749
- NAKHEV, L.**  
Ventilation and ergometric indices in young individuals afflicted with hypogonadism p0103 A78-27100
- NAKINSKAIA, A. L.**  
Dynamics of the human mental work capacity during some activity regimes p0021 A78-13584
- NASAREN, R.**  
Cortical magnification factor predicts the photopic contrast sensitivity of peripheral vision p0057 A78-20324
- NASON, V. E.**  
Cerebral activation and placement of visual displays [AD-A046478] p0067 N78-15698
- NASSI, M.**  
Evaluation of congenital heart defects from dynamic tracer measurements p0130 A78-28872
- NATHAN, D.**  
Some effects of acceleration in man and chimpanzees p0009 N78-11668
- NATHAN, R.**  
Medical ultrasonic tomographic system [NASA-CR-155269] p0040 N78-12659
- NATOCHIN, I. V.**  
Exchange-endocrine processes p0194 A78-36637
- NATOCHIN, Y. V.**  
Water-salt exchange during bedrest of varying duration [NASA-TM-75077] p0065 N78-15683
- NAZARENKO, A. I.**  
Investigation of the activity of isocitrate dehydrogenase and malate dehydrogenase in tissues of rats with different resistance to acute hypoxic hypoxia p0237 A78-44092
- NEAS, B. R.**  
Radiobiological aspects of high altitude flight: Relative biological effectiveness of fast neutrons in suppressing immune capacity to an infective agent [AD-A053204] p0230 N78-27756
- NEBOIT, M.**  
Choice and analytic techniques involving indices of visual information input. I p0257 A78-46954
- NECHAEV, A. P.**  
Use of half-scale modeling for optimizing systems of manual control p0021 A78-13582
- Engineering-psychological analysis of information display systems p0216 A78-41368
- NEDVETSKAIA, G. D.**  
Functioning of intramuscular peripheral hearts in the dog under conditions of general hypothermia p0084 A78-24595
- Intramyocardial micropump activity during rhythmic stretching of the myocardium p0219 A78-42828
- NEDZVETSKII, V. A.**  
Biomedical effects of millimeter radio waves p0316 N78-33729
- NEPRDOV, I. V. G.**  
Preliminary results of medical investigations during manned flights of the Salyut 4 Orbital Station p0030 A78-15199
- Physiological hygiene studies p0193 A78-36629
- Preliminary results of medicobiological studies performed during Soyuz-19 and Apollo flights p0194 A78-36642
- NEPRDOV, Y. G.**  
Main stages and prospects of development of space biology and medicine p0110 N78-18680
- Immunological reactivity and prediction of allergic complications in the crew of the second expedition of Salyut-4 p0183 N78-23710
- NEFF, D.**  
Strong sensitizers [PB-280475/5] p0284 N78-31728
- NEGULESCO, J. A.**  
Responses of articular and epiphyseal cartilage zones of developing avian radii to estrone treatment and a 2-G environment p0134 A78-29562
- Effects of fracture trauma, estrone treatment, and a 2-G environment on the epiphyseal cartilage zones of developing avian radii p0298 A78-52643
- NEHL, W. B.**  
Total body calcium analysis using the Ca-42(n, alpha) Ar-37 reaction [NASA-CR-151675] p0178 N78-22696
- NELESTUEN, G. L.**  
Amino acid-directed nucleic acid synthesis - A possible mechanism in the origin of life p0219 A78-42845
- NELSON, G. C.**  
Investigation of arterial bloodgases at altitude using constant-flow oxygen masks p0161 A78-36160
- NELSON, J.**  
Deuterolysis of amino acid precursors - Evidence for hydrogen cyanide polymers as protein ancestors p0024 A78-14127
- NELSON, W. R.**  
Service life analysis of the SPH-4 aviator helmet p0018 A78-13271
- NEPATI, M.**  
The orthogonal electrocardiogram in normal women - Implications of sex differences in diagnostic electrocardiography p0057 A78-20362
- NEPCHINOV, A. V.**  
Effects of weightlessness, space orientation and light on geotropism and the formation of fruit bodies in higher fungi p0031 A78-15211
- NEPOCHATOV, O. N.**  
Regional redistribution of blood during the immediate aftereffect period following exposure of rats to transverse accelerations p0308 N78-32693
- NEREM, R. M.**  
Cardiovascular, renal and respiratory effects of high intensity, intermediate duration, low frequency vibration [AD-A050158] p0247 N78-28784
- NERO, A. V.**  
Health and safety impacts of nuclear, geothermal, and fossil-fuel electric generation in California. Volume 2: Radiological health and related standards for nuclear power plants [LBL-5285-VOL-2] p0146 N78-20769
- NESHUMOVA, T. V.**  
Oxygen consumption and some indicators of external respiration during cold adaptation p0072 A78-21180
- NETTELHORST, H. V.**  
Portable heart rate recorder with PLL circuit p0196 A78-37235
- NEUBAUER, J. A.**  
Blood flow and relative tissue PO2 of brain and muscle - Role of carotid chemoreceptors p0297 A78-52542
- NEUBERT, J.**  
Development of the vestibulum of frog embryos and larvae on the fast running clinostat p0171 N78-22641
- NEUDER, S. M.**  
A finite element technique for calculating induced internal fields and power deposition in biological media of complex irregular geometry exposed to plane wave electromagnetic radiation p0167 N78-22604
- NEVSKAYA, G. P.**  
Hemopoiesis in dogs exposed to lethal doses of protons with shielded bone marrow p0116 N78-18728

- NEVZGODINA, L. V.  
Effect of weightlessness and of artificial gravity  
on irradiated lettuce seeds p0031 A78-15210
- NEWBILL, D.  
Evaluation of several methods of establishing  
plant cover by seeding on the roadside  
[PB-278275/3] p0228 N78-27739
- NEWELL, A.  
ZOG: A man-machine communication philosophy  
[AD-A046857] p0068 N78-15699
- NEWMAN, R. L.  
XC-135 boom operator's head-up display  
p0084 A78-24366
- NEWSOM, B. D.  
CV 990 interface test and procedure analysis of  
the monkey restraint, support equipment, and  
telemetry electronics proposed for Spacelab  
[NASA-TM-78484] p0228 N78-27736
- NICHOLAS, J. A.  
The effect of temporal parameters on the  
suprathreshold continuous/interrupted separation  
in normal hearing subjects p0064 N78-15675
- NICHOLS, G.  
Choosing ESA's first astronaut p0240 A78-45885
- NICHOLSON, A. B.  
Pitch and formant analysis of the voice in the  
investigation of pilot workshop p0287 N78-31750
- NICKOLLS, J. B.  
A nonlinear model of the human EEG signal during  
photic stimulation p0093 N78-17651
- NICOLESCU, E.  
Circulatory adaptive reactions under hypergravity  
in normal and cold environments p0030 A78-15203
- NIEHBUYS, T. G. W.  
Frequency discrimination following the selective  
destruction of cochlear inner and outer hair cells  
p0129 A78-28828
- NIGG, B.  
The microvibrations of the body, an index for  
examination stress p0272 A78-49297
- NIKISHANOVA, T. I.  
Plants for space plantations  
[NASA-TM-75314] p0227 N78-27734
- NIKITIN, S. A.  
Search for life on Mars p0182 N78-22734
- NIKOLAEV, A. G.  
Characteristics of cosmonaut activities during  
flight p0261 A78-47951  
Results of visual observations of the atmosphere  
and landscapes from manned spacecraft p0265 A78-47989
- NIKOLYEV, A. G.  
Spacecraft crew ground training described  
p0234 N78-28042
- NIKRAVESH, P. E.  
Biodynamic finite element models used in brain  
injury research p0074 A78-21705
- NILDIRAEVA, ZH. B.  
Dynamics of reflex reactions of arteries and veins  
during variation of the functional state of  
vasomotor centers p0243 A78-46454
- NISHIMURA, T.  
Effects of partial body weightlessness on the  
vestibulo-ocular reflex in man p0258 A78-47112
- NISHINO, R.  
Suprachiasmatic nuclei and Circadian rhythms. The  
role of suprachiasmatic nuclei on rhythmic  
activity of neurons in the lateral hypothalamic  
area, ventromedian nuclei and pineal gland  
[NASA-TM-75155] p0011 N78-11690
- NISHIUMI, S.  
Evaluating experiments of heat insulation of life  
raft by dummy and human body p0001 A78-10195
- NISTRATOV, V. V.  
Medical observations and investigations  
p0194 A78-36634
- NIWA, K.  
Personality characteristics of pilots on EPFS, MP  
I and DOSEPU test. I p0191 A78-36327  
The analysis of aviation training evaluations. V -  
Factor analysis of flight aptitude test and  
comparison with the previous report p0238 A78-44349
- NOAKI, H.  
Visual fixation points and depth perception  
p0221 A78-43186
- NOBLE, D.  
The interpretation of the T wave of the  
electrocardiogram p0135 A78-29937
- NOGUES, C.  
Influence of radioactivity or sulfur treatment on  
hyperoxia-induced pulmonary lesions in the rat  
p0060 A78-20558
- NOLAN, E. C.  
Some effects of acceleration in man and chimpanzees  
p0009 N78-11668
- NOLL, G. N.  
Isolated retinas synthesize visual pigments from  
retinol congeners delivered by liposomes  
p0200 A78-39500
- NOLLAND, R.  
Aircraft fuel crews - Occupational hazards and  
sicknesses p0139 A78-31803
- NONA, E.  
Constraining nonmetric multidimensional scaling  
configurations [AD-A045800] p0045 N78-13740
- NORDHAUSEN, H.  
Psychological selection of application for flight  
mechanic training [DLR-IB-355-77/03] p0062 N78-14783
- NORGAN, W. G.  
Effect of altitude on dietary-induced  
thermogenesis at rest and during light exercise  
in man p0296 A78-52537
- NORTH, J. F.  
The influence of strain rate on the mechanical  
properties of human skin and subcutaneous tissue  
p0179 N78-22700
- NORTH, R. A.  
Manipulating the conditions of training in  
time-sharing performance. p0054 A78-18824
- NOSOVA, Y. A.  
Effects of weightlessness and hypokinesia on  
contractility of bundles of glycerin-treated rat  
muscle fibers p0307 N78-32689
- NOVIKOV, M. A.  
Means for optimization of group interaction under  
conditions of prolonged isolation p0022 A78-13594
- NOVIKOVA, K. F.  
Solar activity and cardiovascular diseases  
p0164 N78-22575  
Sudden death from cardiovascular diseases and  
solar activity p0164 N78-22576  
The influence of solar activity on the  
fibrinolytic system of the blood p0164 N78-22578
- NOVOGRODSKY, A.  
Separation of lymphocytes by electrophoresis under  
terrestrial conditions and at zero gravity,  
phase 3 [NASA-CR-151702] p0148 N78-21753
- NOZDRACHEV, S. I.  
Sanitary and hygienic evaluation of water  
regenerated from urine p0177 N78-22686
- NUMESTAD, M.  
Performance, mood, and clinical symptoms in men  
exposed to prolonged, severe physical work and  
sleep deprivation p0265 A78-48079
- NUMMI, J.  
Permanent changes in the spines of military  
parachutists p0161 A78-36159
- NUNN, T. A.  
A silicon absolute pressure transducer for

- biomedical applications p0229 N78-27749
- MUNNELLEY, S. A.  
Physiological and psychological effects of heat stress simulating cockpit conditions p0160 A78-36153
- MUSSINOV, M. D.  
Formation of early earth regolith p0289 A78-50277
- MUZHNYI, V. P.  
The adaptation and the loss of adaptation of the myocardium of rats accustomed to hypoxia p0238 A78-44216
- MYBOG, W. L.  
Physical mechanisms for biological effects of ultrasound [PB-282234/4] p0316 N78-33725
- MYLIND, B.  
Changes in male exercise performance and anthropometric variables between the ages of 19 and 30 p0138 A78-31769
- O
- OAKEY, W. E.  
Equipment development for automatic anthropometric measurements [NASA-CR-151723] p0207 N78-25757
- OATHAN, L. C.  
Examination of auditory attention and visual evoked potentials [AD-A042619] p0097 N78-17682
- OBERMAN, A.  
Longevity in military pilots - 37-year followup of the Navy's '1000 Aviators' p0266 A78-48087
- OBORNE, D. J.  
The stability of equal sensation contours for whole-body vibration p0274 A78-50082
- OBRENOVITCH, T.  
Freezing of small animals during hyperbaric exposure - Theoretical and practical considerations p0058 A78-20542
- OBST, E.  
Assignment of particle tracks to spores of *Bacillus subtilis* on silver chloride detectors p0029 A78-15192
- OCENOR, W. J.  
Normal sodium balance in dogs and in man p0004 A78-12524
- ODONNELL, R. D.  
Visually evoked brain potentials as aids in display design [AD-A043853] p0008 N78-10707
- ORSEBURG, P.  
Determination of the concentration of cadmium aerosol and of some other contaminants present in the atmosphere of a submarine of the Royal Dutch Navy [CL-1976-23] p0227 N78-26744
- ORSTEICHER, H. L.  
Mathematical model of the cardiovascular system under acceleration stress p0077 A78-21724
- OFFMAN, R. D.  
Rotating disc induced hemolysis as influenced by disc material and blood chemistry p0123 N78-19748
- OFFENLOCH, K.  
Neurophysiological assessment of functional states of the brain p0287 N78-31755
- OGANOV, V. G.  
Dynamics and certain mechanisms in the changes of the skeletal-muscular system of man under bedrest conditions [NASA-TN-75073] p0088 N78-16608
- OGANOV, V. S.  
Dynamics of afferent impulsation in posterior spinal radicles of dogs with restricted movement p0308 N78-32696
- OGAWA, W.  
Evaluating experiments of heat insulation of life raft by dummy and human body p0001 A78-10195
- OGIEVETSKAYA, N. M.  
Method for the determination of protein evolution rates by amino acid composition - Evolution rate of actins p0026 A78-14683
- OH, K.-C.  
Electrophysiologic properties of alcohol in man p0239 A78-45409
- OHRSTROM, E.  
Medical effects of environmental noise on humans p0240 A78-45506
- OKAMOTO, M.  
Impedance cardiography for estimating cardiac output during submaximal and maximal work p0297 A78-52544
- OKAMOTO, T.  
Microbiological study of bioecological system. I p0258 A78-47111
- OKAUE, H.  
Personality characteristics of pilots on EPPS, NP I and DOSEPU test. I p0191 A78-36327
- The analysis of aviation training evaluations. V - Factor analysis of flight aptitude test and comparison with the previous report p0238 A78-44349
- OKHOTSIKIN, D. E.  
On problems and principles of robots' motion p0023 A78-14002
- OKOHOTO, T.  
Changes of closely related enzymes and minerals to neuro-muscular systems of albino rats, during prolonged exposure to simulated hypogravics p0268 A78-48645
- OKUDA, Y.  
Time course of the cerebral circulatory response to metabolic depression p0082 A78-23648
- OL, A. I.  
Effects of Solar Activity on the Earth's Atmosphere and Biosphere [TT-75-50015] p0163 N78-22561
- Sudden death from cardiovascular diseases and solar activity p0164 N78-22576
- OLCERST, R. B.  
The description of a system to irradiate cells in culture with microwaves p0167 N78-22607
- OLEINIK, G. E.  
The functional and chemical characteristics of choline-sensitive neurons in the cortex of the brain p0136 A78-30399
- OLIVER, J. R.  
Cardiovascular-respiratory reflex interactions between carotid bodies and upper-airways receptors in the monkey p0134 A78-29639
- OLKHOVENKO, V. P.  
Pine seed germination at zero gravity /A Cosmos-782 experiment/ p0051 A78-18523
- Pine seed germination under weightlessness (a study of the Kosmos 782 satellite) [NASA-TN-75080] p0063 N78-15667
- OLSEN, C. C., JR.  
The role of the acoustic reflex in the acquisition of temporary threshold shift p0039 N78-12653
- OLSON, R. B., JR.  
Rat as a model for humanlike ventilatory adaptation to chronic hypoxia p0192 A78-36607
- OLSON, R. M.  
Effects of using long breathing hoses upon mask pressure p0100 A78-26730
- Effects of long-hose breathing p0101 A78-26731
- OHALLEY, E.  
Auditory frequency selectivity and two-tone suppression in normal hearing human listeners p0308 N78-32697
- OSSELYANETS, N. I.  
Sanitary and hygienic evaluation of water regenerated from urine p0177 N78-22686

- Experimental substantiation of maximum permissible concentrations of acetone and acetaldehyde in reclaimed potable water p0185 N78-23722
- ONEILL, G. K.  
Observable effects in and human adaptation to rotating environments p0047 A78-17192
- ONEILL, J. J., JR.  
Annotated bibliography on biological effects of metals in aquatic environments, 3d [PB-280953/1] p0311 N78-32715
- ONGKO, V.  
Effect of weightlessness conditions on the somatic embryogenesis in the culture of carrot cells [NASA-TN-75040] p0008 N78-11662
- ONO, H.  
Changing fixation in the transverse plane at eye level and Hering's law of equal innervation p0211 A78-40577  
Nonadditivity of vergence and saccadic eye movement p0221 A78-43184
- ONO, H.  
Several factors of designing multi-channel ECG pre-amplifier for human centrifuge experiment and performance of tentatively manufactured equipment p0238 A78-44350
- ONSTOTT, E. D.  
Prediction, evaluation, and specification of closed loop and multiaxis flying qualities [AD-A056983] p0317 N78-33736
- OPHIR, J.  
A computer based medical ultrasound B-scan system p0093 N78-17653
- OPPENHEIMER, J. M.  
Killfish hatching and orientation: Experiment MA-161 p0092 N78-17106
- OPSTAD, P. K.  
Performance, mood, and clinical symptoms in men exposed to prolonged, severe physical work and sleep deprivation p0265 A78-48079
- ORDY, J. M.  
The squirrel monkey as a candidate for space flight p0010 N78-11676
- ORENLAND, R. S.  
Sulfate reduction and methanogenesis in marine sediments p0081 A78-23474
- ORLOV, I. V.  
Mechanisms of interaction between receptors of the vestibular system p0266 A78-48522
- ORLOV, P. A.  
Effect of 6-day hypokinesia on oxygen metabolism indices in elderly and senile subjects [NASA-TN-75521] p0230 N78-27753
- ORLOV, V. P.  
Pathways participating in conducting osteoreceptive signals to the Deiters vestibular nucleus p0197 A78-37856
- ORMSBY, C. C.  
Integration of semicircular canal and otolith information for multisensory orientation stimuli p0004 A78-12607
- ORO, J.  
Phytanyl-glycerol ethers and squalenes in the archaeobacterium Methanobacterium thermoautotrophicum p0260 A78-47892
- ORR, H. A.  
The origin of cataracts in the lens from infrared laser radiation [AD-A046165] p0061 N78-14779
- ORY, D.  
Thermal characterization of superficial living tissues which have undergone different types of trauma [ONERA, TP NO. 1978-35] p0200 A78-39581
- OSADA, H.  
Total cholesterol and high density lipoprotein cholesterol /H.D.L.-ch./ in serum of aged pilots for predicting atherosclerotic diseases p0238 A78-44348
- OSBORNE, D. J.  
Control of cell growth and hormone levels by gravity p0173 N78-22651
- OSCHCHIN, V. V.  
The ozone problem associated with technical and health considerations in aviation p0057 A78-20293
- OSER, G.  
Preliminary investigation of using the centrifuge and light aircraft for training payload specialists [DLR-IB-355-76/06] p0044 N78-13734
- OSER, H.  
Life sciences selected experiments for the first joint NASA/ESA Spacelab mission p0169 N78-22622
- OSETROVA, A. IA.  
Study of mutagenic stimulation in chlorella p0197 A78-37760
- OSGA, G. A.  
Survey of pilots' attitudes and opinions about drinking and flying p0101 A78-26734
- OSHIMA, W.  
Some findings on the inner ear after experimental obliteration of the endolymphatic duct and sac of guinea pigs p0300 A78-53396
- OSHRIN, S. E.  
The effort of noise exposure on the masking level difference p0314 N78-33709
- OSIPOV, A.  
The mechanism of the influence of solar-activity oscillations on the human organism p0164 N78-22579
- OSTADAL, B.  
Effect of intermittent high altitude hypoxia on the synthesis of collagenous and non-collagenous proteins of the right and left ventricular myocardium p0235 A78-43747
- OSTROVSKII, M. A.  
Cyclic adenosine-3,5-monophosphate and photoreceptor potential of the retina in vertebrates p0072 A78-21196
- OUCHI, H.  
The experimental simulation of elastic model of artery system - Some behaviour of vascular substitute under repeated internal stress p0217 A78-42576
- OVSIAENNIKOVA, M. N.  
Study of mutagenic stimulation in chlorella p0197 A78-37760
- OWENS, L. J.  
A prosthesis coupling [NASA-CASE-KSC-11069-1] p0181 N78-22721
- OYAMA, J.  
Rat growth during chronic centrifugation p0268 A78-48640
- OZOLA, B. O.  
Effect of age on mechanical properties and biochemical composition of the heart arteries in man p0289 A78-50531
- OZOLANTA, I. L.  
Determination of the optical density of the walls of coronary arteries in man p0220 A78-42875
- OZOLIN, P. P.  
Adaptation of circulation to exertion p0219 A78-42667

## P

- PAGE, M.  
Continuous 30-day measurements utilizing the monkey metabolism pod p0030 A78-15201
- Continuous metabolic and cardiovascular measurements on a monkey subject during a simulated 6-day Spacelab mission p0269 A78-48719
- Physiological studies in space with nonhuman primates using the monkey pod p0009 N78-11665
- The pig-tailed monkey (Macaca nemestrina) as a space-flight candidate p0010 N78-11678

- Metabolic and cardiovascular adaptation, monkey.  
NASA SMD 3, project 76, experiment 44 conducted  
at NASA/JSC, 14-25 May 1977  
[NASA-CR-157159] p0203 N78-24784
- PAGANINI-FIORATTI, R.  
NEXT program for evaluating the patient dosage:  
First results for some X ray diagnostics  
installations p0145 N78-20762
- PAHWA, M. L.  
Effects of 6 hours hypoxic and cold exposure on  
urinary electrolyte and catecholamine excretion p0079 A78-21743
- PAK, E. P.  
Onboard food rations and a system for providing  
water p0193 A78-36630  
Hygienic appraisal of water regenerated from  
diverse fluid-containing waste p0176 N78-22679
- PAKHOMOV, G. N.  
Experimental and general theoretical research p0115 N78-18717
- PALMBACH, L. B.  
Biological investigations of higher and lower  
plants aboard Soyuz 19 p0028 A78-15190  
Biological experiments on the orbital station  
Salyut 4 p0030 A78-15207  
Biological investigations on the orbital station  
'Salyut-5' p0269 A78-48679
- PALMER, E.  
Models for interrupted monitoring of a stochastic  
process  
[NASA-TN-78453] p0066 N78-15690
- PALMER, E. A.  
Simulator evaluation of three situation and  
guidance displays for V/STOL aircraft zero-zero  
landing approaches p0238 A78-44131
- PALOS, L. A.  
Disseminated intravascular coagulation developed  
in hyperbaric oxygen p0158 A78-35110
- PANFEROVA, W. E.  
Physiological hygiene studies p0193 A78-36629
- PANAGIOTACOPULOS, N. D.  
On the mechanical properties of the human  
intervertebral disc  
[AD-A053036] p0247 N78-28787
- PANASIUK, A. IU.  
Algorithm for using the square of the correlation  
ratio in the analysis of the mutual influence of  
features p0053 A78-18539
- PANDOLF, K. B.  
Convergence of skin and rectal temperatures as a  
criterion for heat tolerance p0265 A78-48083  
Interaction of cardiorespiratory physical fitness  
and heat tolerance  
[AD-A050149] p0231 N78-27763
- PANFEROVA, W. E.  
Hypodynamia and the cardiovascular system p0197 A78-37884
- PANFEROVA, W. Y.  
Effects on the human body of complex tests  
simulating flight conditions on the Salyut-4  
spacecraft p0176 N78-22682
- PANG, K. D.  
Photocatalytic oxidation of organic compounds on  
Mars p0292 A78-51137
- PANIGUTTI, A.  
Use of thermoluminescence dosimetry for measuring  
the radiation emitted by color TV sets p0145 N78-20763
- PANIKAROVSKIY, V. V.  
Experimental and general theoretical research p0115 N78-18717
- PANKOVA, A. S.  
Morphological manifestations of functional changes  
in the hypothalamo-hypophyseal neurosecretory  
system and rat kidneys under the influence of  
space flight factors p0111 N78-18690
- PANOV, A. N.  
Role of the paradoxical phase in the organization  
of the sleep-wakefulness cycle in the rat p0302 A78-53786
- PANTLE, A. J.  
Research on visual perception of complex and  
dynamic imagery  
[AD-A049127] p0124 N78-19753
- PAOLONE, A. M.  
Sexual variations in thermoregulation during heat  
stress p0157 A78-35108
- PAOLUCCI, G.  
On the toxicity of fire-resistant materials -  
Methods of study p0019 A78-13506  
Catecholamine excretion in helicopter pilots p0019 A78-13507
- PAPIN, J. P.  
Problems in maintaining the alertness of air force  
personnel - The organization of work schedules  
during long-distance flights p0020 A78-13514  
The organization of work schedules for air traffic  
controllers p0020 A78-13515  
Techniques for monitoring on-ground and in-flight  
alertness levels p0020 A78-13516  
A technique for the visual study of aircraft  
instrument panel utilization by the crew p0058 A78-20539  
Investigation of pilot behavior in flight  
/Analysis of Japanese studies/ p0050 A78-20564  
Choice and analytic techniques involving indices  
of visual information input. I p0257 A78-46954
- PARDUE, D. E.  
Solid-state ultrasonic catheter-tip flowmeter  
[AD-A050963] p0253 N78-29740
- PAREFEROV, G. P.  
Pine seed germination at zero gravity /A  
Cosmos-782 experiment/ p0051 A78-18523  
Results of biological experiments performed during  
flights p0194 A78-36641  
Present status of the problem concerning the  
detection of gravity by plants p0292 A78-50998  
Pine seed germination under weightlessness (a  
study of the Kosmos 782 satellite)  
[NASA-TN-75080] p0063 N78-15667
- PARK, Y. P.  
A mathematical analysis of the musculo-skeletal  
system of the human shoulder joint p0087 N78-16599
- PARKER, D. E.  
A temporary threshold shift for self-motion  
detection following sustained, oscillating  
linear acceleration p0216 A78-41810  
Visual-field displacements in human beings evoked  
by acoustical transients p0239 A78-45397
- PARKER, D. E.  
Latency changes in the human visual evoked  
response to sinusoidal gratings p0025 A78-14416
- PARKER, J. A.  
Aspheric curvatures for the human lens p0025 A78-14418
- PARKINSON, S. R.  
A reaction time analysis of instrument scanning p0272 A78-49275
- PARNLEY, W. W.  
Thallium-201 myocardial perfusion scintigraphy for  
the clinical clarification of normal, abnormal  
and equivocal electrocardiographic stress tests p0073 A78-21450
- PABOLLA, D.  
Blood flow in rat brain during exposure to high  
oxygen pressure p0241 A78-46408
- PARRISH, R. V.  
Platform motion for fighter simulations  
[AIAA 78-1574] p0290 A78-50655

- PARSONS, K. C.**  
The effect of the position of the axis of rotation on the discomfort caused by whole-body roll and pitch vibrations of seated persons p0195 A78-36816  
The effect of rotational vibration in roll and pitch axes on the discomfort of seated subjects p0274 A78-50080
- PASQUET, J.**  
Current vaccination regulations for civil aviation navigation personnel p0059 A78-20554  
Results of using an 'emergency medical aid box' on Air France Boeing 747 aircraft during 1975 p0139 A78-31806
- PASQUIS, P.**  
Pulmonary gas exchange, diffusing capacity in natives and newcomers at high altitude p0302 A78-53711
- PASSERELLO, C. E.**  
Multi-rigid-body system dynamics with applications to human-body models and finite-segment cable models [AD-A052868] p0227 N78-26743
- PASSOVOY, H.**  
Mechanisms of hypercapnic pulmonary hypertension p0004 A78-12525
- PASTORIS, O.**  
Cerebral energy state during or after hypoxia and complete or incomplete ischemia p0259 A78-47210
- PASTENAK, A.**  
Visual evoked responses to the upper and lower half-field stimulation in a dark-adapted man p0273 A78-50025
- PASTENAKOVA, I.**  
Visual evoked responses to the upper and lower half-field stimulation in a dark-adapted man p0273 A78-50025
- PASTUSHENKO, V. F.**  
Physics of the nerve impulse p0081 A78-23498
- PATEL, P. S.**  
Development of a prototype regeneration carbon dioxide absorber [NASA-CR-152063] p0147 N78-20773
- PATHEW, O. P.**  
Electrical impedance cardiogram in derivation of systolic time intervals p0154 A78-34082
- PATOUILLET, C.**  
Algae, ultraviolet light, and the production of trace gases [AD-A049441] p0148 N78-21748
- PATRIZI, E.**  
Recruitment in chronic acoustic trauma p0020 A78-13511  
Remarks on tonal threshold and voice discrimination during negative acceleration in normal subjects and in subjects who have undergone endolymphatic-cerebrospinal fluid shunt operations p0020 A78-13512
- PATTERSON, A. H.**  
Modelling the thermal effects of blood flow in human skin p0179 N78-22703
- PATTERSON, R. P.**  
The physiological response to time varying work loads p0065 N78-15681
- PATZAKIS, H.**  
On the mechanical properties of the human intervertebral disc [AD-A053036] p0247 N78-28787
- PAUER, D.**  
Design of a system of man-computer communication p0293 A78-51640
- PAUL, R.**  
The mathematics of computer controlled manipulators p0083 A78-23854
- PAULK, C. E.**  
Simulator evaluation of three situation and guidance displays for V/STOL aircraft zero-zero landing approaches p0238 A78-44131
- PAVLOV, G. I.**  
Effect of certain space-flight factors on the vestibular system in man /based on data from domestic and foreign literature/ p0105 A78-27949
- PAVLOV, I.**  
Space suit used aboard Salyut-6 described p0234 N78-28038  
Development of modern spacesuits p0312 N78-33034
- PCHLENKO, L. D.**  
Increased heat production of muscular contraction after cold adaptation p0237 A78-44009
- PCHLIN, V. V.**  
Functional state of the cardiovascular system with regard to the longterm effect of low acceleration p0220 A78-42898
- PEASE, V. P.**  
Visual phenomena induced by relativistic carbon ions with and without Cerenkov radiation p0239 A78-45077
- PECKHAM, J. B.**  
A pocket size heart beat radio telemeter and signal decoder [AD-A043587] p0043 N78-13728
- PELLIBUX, L.**  
The determination of biomechanical parameters of the vertebro-muscular axis in man p0058 A78-20544  
Determination of the biomechanical parameters of man's vertebromuscular axis p0174 N78-22666
- PELOUCH, V.**  
Effect of intermittent high altitude hypoxia on the synthesis of collagenous and non-collagenous proteins of the right and left ventricular myocardium p0235 A78-43747
- PENG, Y.-I.**  
Cardiovascular responses to the simulated diving in man and rat p0216 A78-41528
- PENROD, J. P.**  
The effects of different speakers on the word discrimination scopes of persons with sensori-neural hearing impairment p0064 N78-15674
- PERACHIO, A. A.**  
Complementary laminar terminations of afferents to area 17 originating in area 18 and in the lateral geniculate nucleus in squirrel monkey p0219 A78-42822  
Vestibular functions and sleep in space experiments p0009 N78-11670
- PERBAL, G.**  
Geoperception in lentil roots p0172 N78-22649
- PERDRIEL, G.**  
Concerning the utilization of electronic displays in the field of aeronautics p0132 A78-29299  
Vision and spaceflights p0172 N78-22642
- PERDRIEL, G. F.**  
Fifth Advanced Operational Aviation Medicine Course [AGARD-R-666] p0248 N78-28793
- PEREGRIW, J.**  
Visual evoked responses to the upper and lower half-field stimulation in a dark-adapted man p0273 A78-50025
- PERELMAN, T. L.**  
Temperature distribution in the human body under various conditions of induced hyperthermia [NASA-TN-75139] p0011 N78-11688
- PERENVA, I. I.**  
A procedure for the automated analysis of vestibular nystagmus p0291 A78-50750
- PEREYASLOVA, N. K.**  
Provisions for radiation safety of the crew of the second expedition on Salyut-4 p0124 N78-19758
- PERIN, H.**  
Role of the physician in decisions concerning overseas transfers in an airline company p0139 A78-31805
- PERKINS, H. H.**  
Effects of high ambient temperature on sleep in young men p0214 A78-41158



- PERKINS, J. C.  
Human factors engineering. Part 1: Test procedures  
[AD-A051481] p0205 N78-24800  
Human factors engineering. Part 2: HEDGE  
[AD-A051482] p0205 N78-24801
- PERLMUTTER, A. L.  
Measurement of human vertical fusional response  
p0155 A78-34337
- PERNA, B.  
Hornet building orientation in a vertically  
rotating centrifuge p0269 A78-48713
- PERREAU, G.  
Alpha-2-macroglobulin dosage, protamine test, and  
vascular-risk factors detected in civilian and  
military flight personnel p0059 A78-20555
- PERRY, C. J. G.  
Psychogenic G-force intolerance revisited  
p0079 A78-21747
- PERRY, D. E.  
Electrical and biological effects of transmission  
lines: A review  
[BPA-BIO-77-1] p0315 N78-33722
- PERSSON, L.  
Comparison between flight test data and data from  
a theoretical model for the discovery of a  
ground target from the air  
[FOA-C-56010-H9(H6)] p0255 N78-29751
- PESQUINS, P.  
The use of a primate as an experimental model  
aboard Spacelab p0058 A78-20545
- PESTOV, I. D.  
Main results of medical research conducted during  
the flight of two crews on the Salyut-5 orbital  
station p0110 N78-18684
- PETERS, B. J.  
Alterations of postural and Valsalva responses in  
coronary heart disease p0055 A78-19146
- PETERSEN, K. R.  
Noninvasive determination of bone stiffness  
p0177 N78-22687
- PETERSON, D. D.  
Biological effects of high-LET particles on  
corn-seed embryos in the Apollo-Soyuz test  
project - Biostack III experiment p0029 A78-15193
- PETERSON, D. F.  
Anti-G suit effect on cardiovascular dynamic  
changes due to +Gz stress p0032 A78-15516
- PETERSON, E.  
Continuing studies of noise and cardiovascular  
function p0240 A78-45510
- PETRENKO, B. Y.  
Cardiovascular reactions to orthostatic tests and  
human resistance to vestibular stimuli p0115 N78-18724
- PETROFSKY, J. S.  
The lack of influence of reactive hyperemia on  
exhausting rhythmic or static exercise p0102 A78-26745
- Comparison of metabolic and ventilatory responses  
of men to various lifting tasks and bicycle  
ergometry p0235 A78-43789
- Metabolic, cardiovascular, and respiratory factors  
in the development of fatigue in lifting tasks  
p0236 A78-43790
- Influence of posture on isometric fatigue  
p0258 A78-47207
- PETROSELLI, A.  
Real-time compression of ECG data - Technical  
realization p0293 A78-51459
- PETROSYAN, E. P.  
Distinctions of radioprotective effect of acute  
hypoxia on 5-day-old mice preadapted to oxygen  
deficiency p0306 N78-32683
- PETROV, V. M.  
Measurement of radiation doses in the Soyuz-16  
spacecraft p0117 N78-18732
- Provisions for radiation safety of the crew of the  
second expedition on Salyut-4 p0124 N78-19758
- PETROV, V. M.  
Radiation protection for Soyuz crews p0193 A78-36631
- PETROV, Y. P.  
Psychophysiological distinctions of pilot  
performance during brief exposure to intensive  
photic stimuli p0306 N78-32678
- PETROVA, N. V.  
Lactate dehydrogenase isozymes of rat skeletal  
muscles following a space flight and with  
hypokinesia p0111 N78-18689
- Isozyme composition of lactate dehydrogenase of  
rat skeletal muscles after flight in Kosmos-690  
biosatellite p0125 N78-19760
- PETROVIC, B.  
Interrelation of psychosomatic troubles and  
psychoneurotic troubles in aeronautics p0258 A78-46958
- PETRUKHIN, S. V.  
Effect of prolonged hypokinesia on the course of  
acute aseptic inflammation p0119 N78-18747
- PETRUSINSKII, V. V.  
Biological model of a self-adjusting filter  
p0262 A78-47965
- PETRY, H. M.  
Binocular interactions during establishment of  
McCullough effects p0295 A78-51955
- PETERSEN, O. K. O.  
Experiments on the noise heard by human beings  
when exposed to atmospheric winds p0200 A78-39347
- PETTIGREW, A.  
Dynamics of the amphibian middle ear p0131 A78-29247
- PETTIGREW, J. D.  
Local perfusion of noradrenaline maintains visual  
cortical plasticity p0103 A78-26778
- PETTIS, R. W.  
Antifouling activity of phytotoxic compounds and  
experimental polymeric algicides  
[NRL-R-698] p0148 N78-21747
- PETTYJOHN, P. S.  
Use of Inspiratory Minute Volumes in evaluation of  
rotary and fixed wing pilot workload p0287 N78-31754
- PETUKHOV, S. V.  
Matters of simulation of the semicircular canal  
system  
[NASA-TM-75230] p0088 N78-16610
- PEVZNER, R. A.  
Structural and functional organization of the  
vestibular apparatus in rats subjected to  
weightlessness for 19.5 days aboard the  
Kosmos-782 satellite  
[NASA-TM-75529] p0223 N78-26717
- PFENDLER, C.  
Contributions regarding work load measurement and  
learning behavior in simulated STOL approaches  
p0296 A78-52499
- PFLUG, I. J.  
Determinations of microbial loads associated with  
microscopic-size particles of Kennedy Space  
Center soil p0028 A78-15184
- Dry-heat resistance of selected psychrophiles  
p0105 A78-27897
- PHILIP, A. T.  
Antifouling activity of phytotoxic compounds and  
experimental polymeric algicides  
[NRL-R-698] p0148 N78-21747
- PHILLIPS, R. D.  
Biological effects of static and low-frequency  
electromagnetic fields: An overview of United  
States literature  
[EPRI-PA-490-SR] p0204 N78-24793
- PHILPOTT, D. E.  
Cosmic ray effects on the eyes of rats flown on  
Cosmos no. 782, Experiment K-007 p0078 A78-21736

- PHOCAS, E.  
The effect of seawater on thermoregulator centers  
[NASA-TM-75443] p0305 N78-32669
- PIANEZZI, E.  
Preliminary results of the Biobloc experiment on  
the Cosmos 782 flight - Effects of cosmic rays  
on brine shrimp eggs and tobacco seeds p0029 A78-15195
- PICARDI, G.  
Real-time compression of ECG data - Technical  
realization p0293 A78-51459
- PICCILOLO, G. L.  
Rapid, quantitative determination of bacteria in  
water  
[NASA-CASE-GSC-12158-1] p0165 N78-22585  
Method and apparatus for continuous measurement of  
bacterial content of aqueous samples  
[NASA-CASE-HSC-16779-1] p0165 N78-22586
- PICHUGOV, M. E.  
Pine seed germination at zero gravity /A  
Cosmos-782 experiment/ p0051 A78-18523
- PICHUGOV, M. Y.  
Pine seed germination under weightlessness (a  
study of the Kosmos 782 satellite)  
[NASA-TM-75080] p0063 N78-15667
- PICKERD, V. W. A.  
Time course of the cerebral circulatory response  
to metabolic depression p0082 A78-23648
- PICKREL, E. W.  
Development of new selection tests for air traffic  
controllers  
[AD-A049049] p0181 N78-22716
- PIERGALLINI, J. R.  
Heat transfer principles in personal protection  
applications p0292 A78-51222
- PIROVSKII, I. U. B.  
Method of investigating perceptual extrapolation  
p0262 A78-47963
- PILET, P. E.  
Root georeaction: Gravity effect on hormone balance  
p0173 N78-22650
- PINENOVA, M. V.  
Prevention of hypertensive states in ship crews  
out at sea p0120 N78-18759
- PINKAVITCH, P.  
Change in average absorbed dose rate of a group of  
mice under repeated exposure to 915 MHz  
microwave radiation p0167 N78-22606
- PINSKI, M. S.  
Aircrew and passenger protective breathing  
equipment studies  
[AD-A051002] p0150 N78-21768  
Three-dimensional anthropometry of the adult face  
[AD-A054938] p0309 N78-32705
- PINTER, R. B.  
Visual discrimination between small objects and  
large textured backgrounds p0048 A78-17525
- PINTILIE, I.  
Contribution to the diagnosis of painless ischemic  
cardiopathy in flight personnel p0257 A78-46957
- PIOLINI, E.  
Breathing pattern in men during inspiratory  
elastic loads p0302 A78-53712
- PIPPBERGER, H. V.  
Computer analysis of the orthogonal  
electrocardiogram and vectorcardiogram in 257  
patients with aortic valve disease p0026 A78-14647  
The orthogonal electrocardiogram in normal women -  
Implications of sex differences in diagnostic  
electrocardiography p0057 A78-20362
- PIROGOV, M. I.  
Biomedical effects of millimeter radio waves  
p0316 N78-33729
- PIRUZIAN, L. A.  
Role of biochemical processes in the response of  
biosystems to magnetic fields p0105 A78-27950
- Biological effect of a weak low-frequency pulsed  
electromagnetic field p0138 A78-31473
- PISARENKO, M. P.  
Physiology of xerophytic micro-organisms growing  
under Martian conditions p0027 A78-15182
- PISKUNKOVA, M. F.  
Specific characteristics of the effect of UV laser  
radiation on the survival of microorganisms  
p0217 A78-42635
- PITTS, G. C.  
Physiologic regulation of body energy storage  
p0219 A78-42817  
Rat growth during chronic centrifugation  
p0268 A78-48640
- PIVEN, L. F.  
Experimental substantiation of maximum permissible  
concentrations of acetone and acetaldehyde in  
reclaimed potable water p0185 N78-23722
- PLACHINTA, M. A.  
Hydrocortisone, catecholamines and arterial  
pressure under work load p0129 A78-28489
- PLANEL, H.  
Preliminary results of the Biobloc experiment on  
the Cosmos 782 flight - Effects of cosmic rays  
on brine shrimp eggs and tobacco seeds p0029 A78-15195  
Interest of balloon flights in biology  
p0050 A78-18187  
General remarks and techniques for space cell  
biology p0173 N78-22659
- PLANT, R. E.  
Controlled cellular energy conversion in brown  
adipose tissue thermogenesis p0299 A78-52698
- PLATONOV, A. K.  
On problems and principles of robots' motion  
p0023 A78-14002
- PLATONOVA, A. T.  
Solar activity and the variation of blood  
coagulation between 1949 and 1966 p0164 N78-22577
- PLATONOVA, E. N.  
Pine seed germination at zero gravity /A  
Cosmos-782 experiment/ p0051 A78-18523  
Pine seed germination under weightlessness (a  
study of the Kosmos 782 satellite)  
[NASA-TM-75080] p0063 N78-15667
- PLESKA, T. M.  
Effect of electrical stimulation of posterior  
hypothalamus structures on the  
acetylcholinesterase activity of the cortical  
motor zone in health and under the action of  
pharmacological agents p0080 A78-22073
- PLOKKER, H. W. M.  
Cardiac rhythm diagnosis by digital computer  
p0239 A78-45224
- POBORSKI, S. J.  
On extraterrestrial causes of the earth's dynamic  
processes and extinction of life p0220 A78-42951
- PODDUBNAYA, L. T.  
Effect of gamma radiation on intensity of ammonia  
excretion in albino rats p0117 N78-18735
- PODKLETNOV, E. E.  
The formation of protobiological compounds during  
the eruption of the Tolbachik volcano p0002 A78-11786
- PODLUZHNYAYA, G. N.  
Circadian changes in activity of the  
hypothalamus-hypophysis-adrenal system in  
animals differing in individual radio-sensitivity  
p0175 N78-22676
- POEL, G. D.  
Water quality monitoring system  
[NASA-CASE-HSC-16778-1] p0165 N78-22589
- POGODIN, M. A.  
Criteria for quantitative evaluation of  
respiratory system responses p0302 A78-53790
- POIRIER, J. L.  
Study of a new pilotage control

- Deterioration of human performance resulting from mechanical vibrations p0058 A78-20548
- POLENOV, S. A. Variation of the reactivity of resistive and capacitive organ vessels during adaptation to highland conditions p0257 A78-46955
- POLESCHUK, I. P. Checking effectiveness of prevention of high-altitude decompression disorders by means of prebreathing in an oxygen environment p0219 A78-42666
- POLESNUS, J. T. Condition sensor system and method [NASA-CASE-MSC-14805-1] p0184 N78-23713
- POLIAKOV, B. I. Role of humoral-hormonal factors in human predisposition to motion sickness p0071 A78-21176
- Influence of vestibular stimuli on adrenergic and cholinergic activity of blood p0071 A78-21177
- POLIAKOV, V. And what is the limit of the minimum p0073 A78-21475
- POLIAKOVA, A. P. Cardiovascular response during manned space flights [IAF PAPER 77-252] p0034 A78-15931
- POLIVODA, L. V. Biological investigations of higher and lower plants aboard Soyuz 19 p0028 A78-15190
- POLLARD, D. W. Passenger flow rates between compartments: Straight-segmented stairways, spiral stairways, and passageways with restricted vision and changes of attitude [AD-A051485] p0205 N78-24797
- POLLARD, E. C. Basic aspects of radiation action on microorganisms [COO-2362-26] p0123 N78-19746
- POLLOCK, G. E. Detection of optical asymmetry in amino acids by gas chromatography for extraterrestrial space exploration - Results of a new soil processing scheme with breadboard instrumentation p0027 A78-15179
- POLS, L. C. W. Vowel segments in consonantal contexts: A spectral study of coarticulation [IZP-1977-14] p0225 N78-26735
- POLYAKOV, B. I. Effect of head orientation in the gravity field on severity of caloric nystagmus p0111 N78-18691
- Cardiovascular reactions to orthostatic tests and human resistance to vestibular stimuli p0115 N78-18724
- POLYANSKIY, V. I. Investigation of personality traits of pilots and navigators p0119 N78-18753
- PONETOV, I. D. Effect of space flights on blood circulation and gas exchange during functional loading p0194 A78-36636
- PONOMAREV, S. I. Studies of circulation during LBWP test aboard Salyut-4 orbital stations p0115 N78-18719
- PONNAMPERUMA, C. Phosphorus, a key to life on the primitive earth p0026 A78-14680
- The evolution of the protein synthesis system. I - A model of a primitive protein synthesis system p0056 A78-19363
- PONNAMPERUMA, C. A. Life beyond the earth p0305 N78-32136
- PONOMAREVO, V. And what is the limit of the minimum p0073 A78-21475
- POPE, D. E. The 70 S monosome accumulation and in vitro initiation complex formation by Escherichia coli ribosomes at 5 C [NASA-CR-157591] p0279 N78-31691
- POPE, H. H. Radiographic and biomechanical studies of the human spine [AD-A049984] p0149 N78-21758
- POPEHS, I. A. Characteristics of pressor response during voluntary and induced contraction of skeletal muscles p0218 A78-42662
- POPESCU, T. C. Contribution to the diagnosis of painless ischemic cardiopathy in flight personnel p0257 A78-46957
- POPOV, A. K. Development of means for optimizing operator activities by analyzing activity content, structure, and function p0021 A78-13583
- POPOV, E. P. Manipulators: Dynamics and algorithms p0266 A78-48529
- POPOV, K. E. Investigation of the regulation system for vertical posture by means of vibrational stimulation of muscle spindles p0071 A78-21178
- POPOV, V. A. Method of investigating perceptual extrapolation p0262 A78-47963
- POPOV, V. I. Radiobiological experiment aboard the biosatellite Cosmos-690 p0079 A78-21739
- Genetic effects of cosmic radiation on bacteriophage T4Br/+/- On materials of biological experiment 'Soyuz-Apollo' p0269 A78-48682
- Methods of irradiating biological objects and results of dosimetry onboard the Kosmos-690 satellite p0306 N78-32680
- POPOV, V. J. Preliminary results of the Biobloc experiment on the Cosmos 782 flight - Effects of cosmic rays on brine shrimp eggs and tobacco seeds p0029 A78-15195
- POPOVICH, V. H. Effects of low-frequency (50 Hz) electromagnetic field on functional state of the human body p0186 N78-23725
- Evaluation of hygienic significance of electric field of power lines in populated areas p0187 N78-23731
- PORCELLI, R. J. Beta-receptor influence on lung vasoconstrictor responses to hypoxia and humoral agents p0049 A78-18077
- PORLIER, J. A. G. Protection against the physiological effects of positive pressure breathing p0160 A78-36151
- PORT, W. G. A. Head and neck mobility of pilots measured at the eye [ARC-R/N-3803] p0062 N78-14781
- PORTAT, M. Measurement of forces on aircraft rudders [ONERA, TP NO. 1978-34] p0216 A78-41419
- PORTER, W. E. Materials safety data sheets: The basis for control of toxic chemicals, volume 2 [ORNL/TM-5722] p0044 N78-13729
- Materials safety data sheets: The basis for control of toxic chemicals, volume 1 [ORNL/TM-5721-VOL-1] p0044 N78-13730
- PORTHANN, H. Inner ear biology; Proceedings of the Fourteenth Workshop, Bordeaux, France, September 5-7, 1977 p0300 A78-53391
- PORTUGALOV, V. V. The mechanisms of development of morphological changes in mammals on biosatellites p0291 A78-50997
- Lactate dehydrogenase isozymes of rat skeletal muscles following a space flight and with hypokinesia p0111 N78-18689
- Heterophilic antibodies and complement activity of rat blood serum after flight in Kosmos-605 satellite

- Cytochemical studies of proteins and RNA in individual spinal cord motoneurons and spinal ganglia neurons of rats following a space flight p0116 N78-18731
- Combined effect of weightless and ionizing radiation of rats: Results of morphological studies p0118 N78-18744
- State of rat muscle motoneuron system in the case of restricted mobility p0124 N78-19759
- POSPELOV, M. E. Specific characteristics of the effect of UV laser radiation on the survival of microorganisms p0175 N78-22674
- POSTOLATII, V. M. Possibility of attenuating the ecological effects of alternating current power lines as a result of new designs and circuit changes p0281 N78-31708
- POTALLA, E. W. Harmonic analysis of the left ventricular pressure waveform of the primate p0130 A78-28950
- POTAPOV, P. P. Mucopolysaccharides and collagen of tissues in hypokinetic rats p0115 N78-18723
- POTTIER, A. Choice and analytic techniques involving indices of visual information input. I p0257 A78-46954
- POTVIN, A. R. Motion sickness and otolith sensitivity - A pilot study of habituation to linear acceleration p0018 A78-13272
- POVAR, M. L. Eye movements of monkeys during learning-set formation p0130 A78-28829
- POVENHIRE, H. K. U.S. coast guard variable cockpit training system - Our first four years with a modern simulator p0199 A78-38797
- POWELL, J. D. Iodine generator for reclaimed water purification [NASA-CASE-MSC-14632-1] p0062 N78-14784
- POZDNIakov, V. V. Operator activity in a state of continuous wakefulness p0262 A78-47969
- POZHINSKII, A. M. Method for recording the impulsive activity of the cortex of the human brain p0053 A78-18540
- PRABLANC, C. Error-correcting mechanisms in large saccades p0212 A78-40580
- PRADO, S. A. Osmotic relationships between blood, cerebrospinal fluid and inner ear fluids p0181 N78-22714
- PRAKASH, U. B. S. Static mechanical properties of bronchi in normal excised human lungs p0235 A78-43787
- PRATT, P. C. Tolerance and cross-tolerance using W02 and O2. II - Pulmonary morphology and morphometry p0130 A78-29031
- PREDTECHENSKII, A. N. Shadow method of simulating the visual conditions for flight simulators and pilot trainers p0056 A78-19734
- PRESTON, G. A. M. Implications of spatial summation models for processes of contour perception - A geometric perspective p0221 A78-43183
- PRESTRUDE, A. M. Interocular light adaptation effect on the Lie 'specific threshold' p0221 A78-43187
- PRIBYTKOV, L. D. The ozone problem associated with technical and health considerations in aviation p0057 A78-20293
- PRICE, B. J. Laser backscattering measurements on biological cells: Preliminary results [LA-UR-76-2462] p0085 N78-16588
- PRICE, G. T. A study of effects of hyperthermia on large, short-haired male dogs: A simulated air transport environmental stress [AD-A040432/7] p0005 N78-10683
- PRICE, L. J. Flurazepam effects on slow-wave sleep - Stage 4 suppressed but number of delta waves constant p0032 A78-15312
- PRINE, J. R. Late biological effects of ionizing radiation as influenced by dose, dose rate, age at exposure, and genetic sensitivity to neoplastic transformation [LA-UR-78-681] p0283 N78-31724
- PRIORE, A. R. J. Visual-vestibular interaction in the control of eye movement p0139 A78-31839
- PRISCO, M. R. A multiple indicator-dilution study of transport and metabolic processes in the lung p0177 N78-22689
- PRISHCHUP, A. G. A study of the pulsed method of laundering p0111 N78-18692
- PRIVITZER, E. Theory and application of a three-dimensional model of the human spine p0074 A78-21708
- PROCHAZKA, J. Effect of intermittent high altitude hypoxia on the synthesis of collagenous and non-collagenous proteins of the right and left ventricular myocardium p0235 A78-43747
- PROKHUCHUKOV, A. A. Experimental and general theoretical research p0115 N78-18717
- PROKUSKI, B. P., JR. Human factors engineering in Air Force weapon systems acquisition [AD-A043207] p0015 N78-11716
- PROMPT, C. A. Functions of calcium in sweat secretion p0131 A78-29253
- PROPHET, W. M. US Navy fleet aviation training program development [AD-A055788] p0284 N78-31734
- PROZESKY, O. W. Studies on the isolation and identification of hepatitis viruses in water p0206 N78-25744
- PSHENNIKOVA, M. G. Heart damage during emotional stress and prophylaxis of this effect with the aid of preliminary adaptation to high-altitude hypoxia p0106 A78-28123
- PUGLIANI, L. Primary medium energy exposure standard: Comparison between ISS and BIPM p0145 N78-20761
- PUIG, J. A. Motion - Methods and requirements [AIAA 78-1576] p0290 A78-50657
- PUIMAN-CHIEZE, J. P. Choice and analytic techniques involving indices of visual information input. I p0257 A78-46954
- PURAKHIN, Y. M. Clinical and biochemical aspects of human adaptation to central Antarctica as applied to problems of space biology and medicine p0118 N78-18746
- PURINIA, B. A. Determination of the optical density of the walls of coronary arteries in man p0220 A78-42875
- Effect of age on mechanical properties and biochemical composition of the heart arteries in man p0289 A78-50531
- PURKAYASTHA, S. D. Effect of altitude acclimatization on thermoregulation efficiency of man

- PURKAYASTHA, S. S. p0157 A78-35107  
Cold-induced vasodilatation response at different water bath temperatures in monkeys
- PURSHOTAM, T. p0242 A78-46411  
Effects of 6 hours hypoxic and cold exposure on urinary electrolyte and catecholamine excretion  
Hypoxia tolerance in rats in relation to tissue glycogen levels
- PUTHAN, B. J. p0265 A78-48078  
Polymorphonuclear leukocyte response: Experiment MA-032
- PUTNAM, D. P. p0092 A78-17105  
Water system microbial check valve development [NASA-CR-151678]
- PUTYATIN, S. P. p0181 A78-22719  
Possibility of attenuating the ecological effects of alternating current power lines as a result of new designs and circuit changes
- FUZAS, J. E. p0281 A78-31708  
Bone cell collagenase
- p0086 A78-16597
- ## Q
- QUANDTIEU, P. p0058 A78-20544  
The determination of biomechanical parameters of the vertebro-muscular axis in man  
Determination of the biomechanical parameters of man's vertebromuscular axis
- QUARTANO, A. G. p0174 A78-22666  
Human verbal behavior considerations in the design of voice actuated hardware systems [AD-A049925]
- QUINTON, P. M. p0147 A78-20776  
Functions of calcium in sweat secretion
- p0131 A78-29253
- ## R
- RAABE, N. p0265 A78-48079  
Performance, mood, and clinical symptoms in men exposed to prolonged, severe physical work and sleep deprivation
- RABINOVICH, E. Z. p0213 A78-41007  
Examination of transient processes in the circulatory system in the framework of the theory of dynamic systems  
Thermodynamic criteria for the optimality of control functions of a dynamic system during transient processes in the organism
- RABINOWITZ, J. R. p0213 A78-41008  
The description of a system to irradiate cells in culture with microwaves
- RAEON, J. p0167 A78-22607  
Effects of respiration on cardiac performance
- RACHEV, A. I. p0192 A78-36604  
Propagation of pulsed wave in arterial vessels with allowance for preliminary stresses and muscular activity
- RADAY-BITTERMAN, N. p0220 A78-42874  
Influence of a GABA transaminase inhibitor on central nervous system oxygen toxicity
- RADBILL, J. E. p0214 A78-41160  
Analysis of pulsatile, viscous blood flow through diseased coronary arteries of man
- RADCHENKO, N. D. p0035 A78-16013  
Consumption of freeze-dried food in weightlessness
- RADKEVICH, L. A. p0184 A78-23712  
Oxygen content of blood during prolonged rocking  
Model of motion sickness in dogs used to evaluate efficacy of pharmacological agents
- RADEZIEVSKII, S. A. p0176 A78-22678  
Heart damage during emotional stress and prophylaxis of this effect with the aid of preliminary adaptation to high-altitude hypoxia
- RAESIDE, D. E. p0106 A78-28123  
An application of pattern recognition to echocardiography
- RAGAN, H. A. p0083 A78-23997  
Compilation and assessment of microwave bioeffects, AO-02-01/EA81028: A selective review of the literature on biological effects of microwaves in relation to the satellite power system [PNL-2634]
- RAGOZIN, V. N. p0315 A78-33720  
Studies of circulation during LBNP test aboard Salyut-4 orbital stations
- RAHKILA, P. p0115 A78-18719  
Lipid metabolism during exercise. I - Physiological and biochemical characterization of normal healthy male subjects in relation to their physical fitness
- RAHLMANN, D. P. p0292 A78-51300  
Continuous 30-day measurements utilizing the monkey metabolism pod  
Continuous metabolic and cardiovascular measurements on a monkey subject during a simulated 6-day Spacelab mission
- Physiological studies in space with nonhuman primates using the monkey pod
- The pig-tailed monkey (*Macaca nemestrina*) as a space-flight candidate
- Metabolic and cardiovascular adaptation, monkey. NASA SMD 3, project 76, experiment 44 conducted at NASA/JSC, 14-25 May 1977 [NASA-CR-157159]
- RAI, R. M. p0009 A78-11665  
Effect of altitude acclimatization on thermoregulation efficiency of man
- RAKOVA, I. A. p0157 A78-35107  
Morphological study of hemopoietic organs of hypokinetic rats
- RAKUSA-SUSZCZEWSKI, S. p0307 A78-32686  
Sensory deprivation and social isolation as problems of space psychology - Interpretation of Antarctic and laboratory data
- RAMAKRISHNA, K. p0294 A78-51887  
ZOG: A man-machine communication philosophy [AD-A046857]
- RAMBAUT, P. C. p0068 A78-15699  
Metabolic energy requirements during manned orbital Skylab missions
- Observations in energy balance in man during spaceflight
- Evaporative water loss in man in a gravity-free environment
- RAMKOVA, N. V. p0029 A78-15198  
Resistance of stratospheric and mesospheric micro-organisms to extreme factors
- RAMKRISHNA, D. p0027 A78-15180  
Stochastic models of algal photosynthesis in turbulent channel flow
- RAMSEY, H. R. p0032 A78-15380  
Man-machine interface analysis of the flight design system [NASA-CR-151812]
- RAMSEY, R. p0255 A78-29754  
Linear noise-attenuating earphone [AD-A048846]
- RANGHIASCI, C. p0127 A78-19775  
Electromagnetic field levels near radar therapy equipment

- RAO, B. K. N.  
Effects of fixed versus variable reference frequencies on psychophysical judgments of vibration  
p0146 N78-20765
- RAO, B. K. N.  
An equal sensation study of seated subjects in three translational modes  
p0133 A78-29543  
p0155 A78-34086
- RAOUF, A.  
A model to quantify reliability of human performance in man-machine systems  
p0132 A78-29487
- RAPOPORT, E. A.  
Effect of prolonged space flight on protein biosynthesis in various rat organs and tissues  
p0118 N78-18743  
Effect of prolonged weightlessness on metabolism of proteins in red and white skeletal muscles of rats  
p0175 N78-22671
- RASCO, J. L.  
Low atmospheric pressure effects on wearing soft contact lenses  
p0079 A78-21746
- RASHUSSEN, P. G.  
Refractive error characteristics of early and advanced presbyopic individuals  
[AD-A044555/1]  
p0065 N78-15684  
Readability of alphanumeric characters having various contrast levels as a function of age and illumination mode  
[AD-A044554/4]  
p0066 N78-15691  
Aeromedical implications of the X-Chrom lens for improving color vision deficiencies  
[AD-A054794]  
p0310 N78-32708
- RASHUSSEN, W. T.  
Resolution requirements for slow-scan television transmission of X-rays. A test report for the remote medical diagnosis system  
[AD-A047870]  
p0095 N78-17669
- RATTNER, B. A.  
Embryonic implantation, dietary intake, and plasma GH concentration in pregnant mice exposed to hypoxia  
p0157 A78-35104
- RAULIN, F.  
Far UV irradiation of model prebiotic atmospheres  
p0056 A78-19367
- RAUSHENBAKH, B. V.  
The task of a cosmonaut in operating spacecraft  
p0021 A78-13578
- RAY, D. E.  
Influence of systemic factors on hyperbaric oxygen toxicity in the rat visual system  
p0018 A78-13269
- RAY, G.  
Systems identification scheme for the estimation of the linear viscoelastic properties of the intervertebral disc  
p0074 A78-21711
- RAY, U. S.  
Optimal rate of work for mountaineers  
p0217 A78-42007
- RAYFIELD, J. F.  
Development of a fire protective overgarment for use by air carrier flight attendants  
[AD-A042329/3]  
p0013 N78-11703
- RAYMAN, B. B.  
Bleeding duodenal ulcer and the flier  
p0299 A78-52646
- RE, R. W.  
Zero gravity and cardiovascular homeostasis. The relationship between endogenous hyperprolactinemia and plasma aldosterone  
[NASA-CR-151715]  
p0179 N78-22705
- REBUCK, A. S.  
Heart rate response to isocapnic hypoxia in conscious man  
p0104 A78-27123
- RECHNITZER, P. A.  
Reliability of noninvasive methods for measuring cardiac function in exercise  
p0082 A78-23602
- REDDAN, W. G.  
Regulation of CSF /HCO<sub>3</sub>-/ during long-term hypoxic hypocapnia in man  
p0103 A78-26923
- REDDI, M. M.  
Computer simulation of human thoracic skeletal response: Abstract summary report  
[PB-276705/1]  
p0180 N78-22708  
Computer simulation of human thoracic skeletal response-theory, volume 1  
[PB-276706/9]  
p0180 N78-22709
- REDDICK, E. J.  
Movement by helicopter of patients with decompression sickness  
p0299 A78-52645
- REDDY, C. V. R.  
Electrophysiologic properties of alcohol in man  
p0239 A78-45409
- REDDY, S. N.  
Spectral analysis of auditory evoked potentials with pseudorandom noise excitation  
p0177 N78-22688
- REED, J. H., JR.  
Effect of gravitational and inertial forces on vertical distribution of pulmonary blood flow  
p0161 A78-36154
- REED, L. E.  
Visual-proprioceptive cue conflicts in the control of remotely piloted vehicles  
[AD-A049706]  
p0151 N78-21770
- REED, R. D.  
The effect of high altitude on pyridine nucleotides and adenosine phosphates in the liver of the rat  
p0279 N78-31689
- REEPS, S. M.  
A personal cooling system for helicopter pilots  
[AD-A047649]  
p0121 N78-18767
- REGAN, D.  
Steady-state evoked potentials  
p0035 A78-16079  
Illusory motion in depth - Aftereffect of adaptation to changing size  
p0155 A78-34336
- REGAN, J.  
Involuntary automatic processing in color-naming tasks  
p0271 A78-48825
- REICHER, G. H.  
The effect of background familiarity in visual search - An analysis of underlying factors  
p0216 A78-41811
- REID, D. H.  
Preliminary analysis of available inflight respiratory data  
[AD-A054241]  
p0278 N78-30823
- REID, G. B.  
Task-specific simulator pretraining and in-flight stress of student pilots  
p0265 A78-48085
- REINHERR, G. W.  
Bionics. A bibliography with abstracts  
[NTIS/PS-78/0550/0]  
p0279 N78-31693
- REIN, R.  
Computer display and manipulation of biological molecules  
p0301 A78-53400
- REINIS, S.  
Bleeding into inner ears of chinchillas caused by simulated sonic boom  
p0294 A78-51847  
Acute changes in inner ears of laboratory animals caused by simulated sonic booms  
[UTIAS-211]  
p0039 N78-12649
- REISER, J. F.  
Pacemaker related conductance changes in cardiac Purkinje fibers  
p0112 N78-18697
- REITZ, G.  
Dosimetric and biological results from the Bacillus subtilis Biostack experiment within the ASTP  
p0267 A78-48598
- REMEZOV, S. M.  
Experimental and general theoretical research  
p0115 N78-18717
- RENUSZKO, S.  
Polish cosmonaut selection process described  
p0312 N78-33033
- REPPERGER, D. W.  
Good and poor tracking performance manifest in error and eye movement phase planes  
p0033 A78-15583

- RESCHKE, H. P.  
Postural equilibrium following exposure to weightless space flight  
p0035 A78-16014
- RESWICK, J. B.  
A prosthesis coupling  
[NASA-CASE-KSC-11069-1]  
p0181 N78-22721
- REUBEN, S. R.  
The effects of exercise on the amplitude of the first heart sound in normal subjects  
p0057 A78-20361
- REVIN, I. A.  
Adaptation of circulation to exertion  
p0219 A78-42667
- REVZIN, A. M.  
Functional localization in the nucleus rotundus  
[AD-A047717/4]  
p0122 N78-19743  
Effects of ethanol on visual unit activity in the thalamus  
[AD-A050922]  
p0148 N78-21754
- REYNOLDS, R. M.  
A foundation for systems anthropometry, phase 1  
[AD-A042890]  
p0006 N78-10696
- REYNOLDS, R. V.  
Depth perception and motion cues via textured scenes  
[AIAA 78-1577]  
p0290 A78-50658
- RHEE, J. J.  
Atrial flutter - Electrocardiographic, vectorcardiographic and echocardiographic correlation  
p0271 A78-49150
- RIABOV, E. V.  
Use of half-scale modeling for optimizing systems of manual control  
p0021 A78-13582
- RICARD, G. L.  
Motion - Methods and requirements  
[AIAA 78-1576]  
p0290 A78-50657  
Time delays in flight simulators - Behavioral and engineering analyses  
[AIAA 78-1596]  
p0291 A78-50670
- RICH, P. A.  
Physiological work capacity and efficiency of adults during short duration high intensity work while engaged in a specific low carbohydrate, low calorie diet  
p0087 N78-16602
- RICHARDS, J. T.  
The effect of background familiarity in visual search - An analysis of underlying factors  
p0216 A78-41811
- RICHARDS, S.  
Effect of clothing insulation beneath an immersion coverall on the rate of body cooling in cold water  
p0133 A78-29560
- RICHARDS, W. A.  
Experiments in texture perception  
[AD-A043402]  
p0012 N78-11695
- RICHARDSON, E. Q.  
Nonlinear numerical prediction of human head/helmet crash impact response  
p0073 A78-21702
- RICHARDSON, P. C.  
Classification of sleep stage with period analysis features derived from the EEG  
p0101 A78-26737  
Sleep wakefulness determinations from heart rate data, volume 3  
[AD-A045817]  
p0113 N78-18703
- RICHTER, G.  
Bioelectrodes as sensors and as power sources for implantable medical devices  
[BMFT-PB-T-77-44]  
p0253 N78-29736
- RICHTER, W.  
Laser-induced thermal damage of skin  
[AD-A054612]  
p0276 N78-30810
- RIEDEL, S. A.  
A comparison of washout filters using a human dynamic orientation model  
[NASA-CR-154581]  
p0014 N78-11713
- RIGBY, R. A.  
Relationships between ambient, cockpit, and pilot temperatures during routine air operations  
p0078 A78-21734
- RIGGINS, R. S.  
The effect of increased gravitational stress on bone  
p0030 A78-15206
- RIGGS, L. A.  
Electrophysiological techniques for studying visual function in man - A historical overview  
p0035 A78-16076  
Temporal properties of the human visual nervous system  
p0037 A78-17097  
Contrast sensitivity during saccadic eye movements  
p0295 A78-51954  
Binocular interactions during establishment of McCollough effects  
p0295 A78-51955
- RINEHART, J. S.  
Influence of posture on isometric fatigue  
p0258 A78-47207
- RINGER, C.  
Diagnosis of Alcoholism: The Munich Alcoholism Test (MAT)  
p0094 N78-17662
- RINGLAND, R. F.  
An introduction to V/STOL technology affecting the pilot's role  
[AD-A048214]  
p0121 N78-18765
- RINGHALDA, B. E. M.  
Blood volume and body haematocrit of rats native to a simulated altitude of 3500 m  
p0215 A78-41214  
Blood gases at several levels of oxygenation in rats with a left-shifted blood oxygen dissociation curve  
p0273 A78-50024
- RINGO, J.  
Trichromatic vision in the cat  
p0032 A78-15280
- RISCH, W. D.  
Effective compliance of the circulation in the upright sitting posture  
p0197 A78-38009
- RISICA, S.  
Technical and scientific aspects of sanitary and safety problems in nuclear energy production  
[ISS-P-76/9]  
p0113 N78-18706  
The "protection against X-ray damages act" of 1973 promulgated by the German Federal Republic  
[ISS-R-76/13]  
p0188 N78-23742
- RITMAN, E. L.  
Spatial distribution of pulmonary blood flow in dogs in increased force environments  
p0130 A78-29032  
Some effects of acceleration in man and chimpanzees  
p0009 N78-11668
- RITTER, M.  
Effect of disparity and viewing distance on perceived depth  
p0032 A78-15404
- RITZER, T. P.  
Effects of endurance training on left ventricular function in the dog: A cineangiographic study  
p0092 N78-17646
- RITZMAN, J. R.  
The rhesus (*Macaca mulatta*) and crab-eating (*Macaca fascicularis*) monkeys in cardiovascular and aerospace research  
p0011 N78-11680
- ROBERTS, A. D.  
Total and alactic oxygen debts after supramaximal work  
p0201 A78-39750
- ROBERTS, E., JR.  
Digital enhancement of computerized axial tomograms  
[NASA-TM-78974]  
p0279 N78-31690
- ROBERTS, R.  
The effect of respiration on normal and abnormal Q waves - An electrocardiographic and vectorcardiographic analysis  
p0017 A78-13148
- ROBERTS, T. D. M.  
The relationship of gravity to vestibular studies  
p0171 N78-22637
- ROBERTSON, C. H., JR.  
Lung volumes in man immersed to the neck - Dilution and plethysmographic techniques  
p0192 A78-36603
- ROBERTSON, G.  
ZOG: A man-machine communication philosophy  
[AD-A046857]  
p0068 N78-15699
- ROBIN, J. J.  
Ten-year experience with abnormal EEGs in asymptomatic adult males  
p0158 A78-35112

- ROBINETTE, C. D.  
Causes of death following occupational exposure to microwave radiation (radar) 1950 - 1974  
p0168 N78-22614
- ROBINSON, C. P.  
The role of monamine oxidase inhibition in the acute toxicity of chlordimeform  
[AD-A045507] p0093 N78-17656
- ROBINSON, C. S.  
Biped stability considerations with vestibular models  
p0083 A78-23882
- ROBINSON, D. W.  
Tables for the estimation of noise-induced hearing loss  
[NPL-AC-61-REV] p0188 N78-23743  
Hearing hazard from occupational noise: Observations on a population from heavy industry  
[NPL-AC-80] p0188 N78-23744
- ROBINSON, G. H.  
Dynamics of the eye and head during movement between displays: A qualitative and quantitative guide for designers  
[AD-A052753] p0208 N78-25763
- ROBINSON, S.  
The nature of the perception of effort at sea level and high altitude  
[AD-A051274] p0246 N78-28781
- ROBOTHAM, J. L.  
Effects of respiration on cardiac performance  
p0192 A78-36604
- ROBSON, K.  
The cardiovascular fitness of airline pilots - Report of a working party of the Cardiology Committee of the Royal College of Physicians of London  
p0159 A78-35850
- ROBSON, R. H.  
Effect of isometric exercise on catecholamines in the coronary circulation  
p0057 A78-20341
- ROCHA, H. A. P.  
Development and evaluation of an ultrasonic imaging system  
[PB-279834/6] p0284 N78-31729
- ROCHELLE, R. H.  
Influence of posture on isometric fatigue  
p0258 A78-47207
- ROCKWELL, T. H.  
The utility of peripheral vision to motor vehicle drivers  
[PB-278157/3] p0234 N78-27779
- RODARTE, J. R.  
Regional lung expansion at total lung capacity in intact vs. excised canine lungs  
p0297 A78-52539
- RODCHENKO, V. V.  
Shadow method of simulating the visual conditions for flight simulators and pilot trainers  
p0056 A78-19734
- RODIOMOV, K. K.  
Method for recording the impulsive activity of the cortex of the human brain  
p0053 A78-18540
- ROEHLER, R.  
Brightness generation in the human visual system - Colour-brightness: A contribution of cortical colour channels to brightness sensation  
p0025 A78-14417
- ROGANI, A.  
Technical and scientific aspects of sanitary and safety problems in nuclear energy production  
[ISS-P-76/9] p0113 N78-18706
- ROGATOVSKAYA, A. P.  
A study of the pulsed method of laundering  
p0111 N78-18692
- ROGERS, L. E.  
Compilation and assessment of microwave bioeffects, AO-02-01/EA81028: A selective review of the literature on biological effects of microwaves in relation to the satellite power system  
[PNL-2634] p0315 N78-33720
- ROGERS, T. D.  
Growth-rate periodicity of *Streptomyces levoris* during space flight  
p0031 A78-15213  
Zone-forming fungi: Experiment MA-147  
p0092 N78-17102
- ROHNERT, W.  
Determination of stress and strain of air traffic control officers  
p0287 N78-31751
- ROHRLER, H.  
A new method for determining the active force system in lower limbs during human locomotion  
p0179 N78-22702
- ROITBUB, B. A.  
Effect of electrical stimulation of posterior hypothalamus structures on the acetylcholinesterase activity of the cortical motor zone in health and under the action of pharmacological agents  
p0080 A78-22073
- ROMANOVSKII, I. U. M.  
Multichambered self-oscillating models of biological systems with nonspecific inhibition of active transport  
p0213 A78-41009
- ROMANTSEV, N. F.  
The astronaut in the astronavigation system of manned spacecraft  
p0262 A78-47968
- ROMCO, P. G.  
Integration and application of human resource technologies in weapon system design  
[AD-A053681] p0255 N78-29756  
Integration and application of human resource technologies in weapon system design: Coordination of five human resource technologies  
[AD-A053680] p0255 N78-29757
- ROSATI, A.  
Use of thermoluminescence dosimetry for measuring the radiation emitted by color TV sets  
p0145 N78-20763
- ROSCOE, A. E.  
Stress and workload in pilots  
p0140 A78-31846
- ROSCOE, S. W.  
The isolation of minimum sets of visual image cues sufficient for spatial orientation during aircraft landing approaches  
[AD-A046369] p0068 N78-15700  
How big the moon, how fat the eye?  
[AD-A050211] p0149 N78-21756
- ROSE, R. M.  
Objective workload and behavioural response in airport radar control rooms  
p0259 A78-47491  
Objective job difficulty, behavioural response, and sector characteristics in air route traffic control centres  
p0293 A78-51348
- ROSENEYER, B.  
The lumbosacral segment as a vulnerable region in various postures  
[NASA-TM-75579] p0314 N78-33713
- ROSENFELD, R.  
Relationship between maximal oxygen uptake and left ventricular function in exercise  
p0082 A78-23601
- ROSENGARTEN, S. J.  
A unique approach to aerial refueling simulation for training boom operators  
[AIAA 78-1591] p0291 A78-50666
- ROSKOSKI, L. E.  
Choline acetyltransferase activity in heart - Evidence for neuronal and not myocardial origin  
p0055 A78-19144
- ROSKOSKI, R., JR.  
Choline acetyltransferase activity in heart - Evidence for neuronal and not myocardial origin  
p0055 A78-19144
- ROSLIAKOV, V. A.  
GOI anamscopes used to set standards for color vision of flight personnel  
p0307 N78-32688
- ROSS, D. C.  
The effects of burn injury and post burn cooling in the microcirculation  
p0093 N78-17654
- ROSSDEUTSCHER, W.  
Portable heart rate recorder with PLL circuit  
p0196 A78-37235
- ROSWELL, R. L.  
High resolution ultrasonic scanning of animal and human tissue in-vivo  
[ORNL-TM-5934] p0253 N78-29742



- ROTEH-BORENSZTAJN, Y.  
Virus concentration by hollow fiber membranes:  
Where to now? p0206 N78-25746
- ROTHHAMMER, F.  
Multinational Andean Genetic and Health Program.  
VII - Lung function and physical growth -  
Multivariate analyses in high- and low-altitude  
populations p0298 A78-52639
- ROTONDO, G.  
High-altitude pulmonary edema p0019 A78-13505  
Workload and operational fatigue in helicopter  
pilots p0102 A78-26741  
Workload and operational fatigue in helicopter  
pilots p0090 N78-16622
- ROUSE, W. B.  
Human problem solving performance in a fault  
diagnosis task p0153 A78-32673  
A model of human decisionmaking in a fault  
diagnosis task p0195 A78-37130
- ROUSSEAU, M. F.  
Diagnostic value of history and maximal exercise  
electrocardiography in men and women suspected  
of coronary heart disease p0027 A78-15160
- ROUZIEK, M. L.  
Modeling and control of the human head-neck  
response under impact acceleration p0062 N78-14785
- ROVANO, J.  
Cortical magnification factor predicts the  
photopic contrast sensitivity of peripheral vision  
p0057 A78-20324
- ROWELL, L. B.  
Altered control of skin blood flow during exercise  
at high internal temperatures p0033 A78-15519
- ROWLANDS, G. P.  
The transmission of vertical vibration to the  
heads and shoulders of seated men  
[RAE-TR-77068] p0189 N78-23750
- ROYER, E. R.  
Microbial load monitor  
[NASA-CR-151623] p0093 N78-17648
- ROYLANCE, L. E.  
A miniature integrated circuit accelerometer for  
biomedical applications p0229 N78-27748
- ROZENBERG, V. D.  
An experimental study of the ultralow-frequency  
electromagnetic fields on warmblooded animals  
and microorganisms p0164 N78-22580
- ROZHDESTVENSKAYA, E. D.  
The influence of solar activity on the  
fibrinolytic system of the blood p0164 N78-22578
- ROZHITSKAYA, I. I.  
Heart damage during emotional stress and  
prophylaxis of this effect with the aid of  
preliminary adaptation to high-altitude hypoxia  
p0106 A78-28123
- ROZOV, A. N.  
Respiratory activity of mitochondria in corn-root  
cells, grown under conditions of variable gravity  
p0293 A78-51394  
Effects of altered gravity on viscosity of  
cytoplasm and protein content of plant cells  
p0307 N78-32691
- ROZOVA, E. I.  
Some indices of oxygen exchange and resistance of  
rats to acute hypoxia during posttransfusion  
polycythemia p0302 A78-53788
- RUBIN, A. B.  
Effects of weightlessness, space orientation and  
light on geotropism and the formation of fruit  
bodies in higher fungi p0031 A78-15211
- RUBIN, A. L.  
Separation of lymphocytes by electrophoresis under  
terrestrial conditions and at zero gravity,  
phase 3 [NASA-CR-151702] p0148 N78-21753
- RUBIN, A. B.  
Vestibular and somatosensory interaction in the  
cat vestibular nuclei p0023 A78-14064
- RUBIN, L. B.  
Specific characteristics of the effect of UV laser  
radiation on the survival of microorganisms  
p0217 A78-42635
- RUBINOV, A. B.  
Regulation of the functional activity of human  
cells by means of laser radiation p0071 A78-20822
- RUBINSKAYA, N. L.  
Role of the paradoxical phase in the organization  
of the sleep-wakefulness cycle in the rat  
p0302 A78-53786
- RUBINSTEIN, E.  
A rheological model for research on cochlear hypoxia  
p0300 A78-53394
- RUCINSKY, T. E.  
Release of microorganisms from soil with respect  
to transmission electron microscopy viewing and  
plate counts p0003 A78-12124
- RUDDOCK, K. E.  
Visual adaptation to patterns containing  
two-dimensional spatial structure p0137 A78-30741
- RUDEE, E. L.  
Optical transforms and the 'pincushion grid'  
illusion p0034 A78-15988
- RUDNYI, N. N.  
Aviation medicine on the sixtieth anniversary of  
the great October revolution p0110 N78-18681  
Main results of medical research conducted during  
the flight of two crews on the Salyut-5 orbital  
station p0110 N78-18684
- RUDOMETKIN, N. N.  
The problem of self-regulation of posture  
p0023 A78-13598
- RUDY, K. E.  
Flight prototype CO2 and humidity control system  
[NASA-CR-151591] p0067 N78-15694
- RUKAVISHNIKOV, N. N.  
Apollo-Soyuz test project on biorhythm of  
zone-forming fungi - Preliminary work p0031 A78-15212
- RUMIANTSEV, G. V.  
Enhancement factor in the thermoregulatory system  
at varying ambient temperature p0156 A78-34787  
The role of a decrease in body heat content in the  
thermoregulatory response of ear passageways  
p0293 A78-51661
- RUMIANTSEVA, M. P.  
Effect of vitamin and amino acid supplements on  
human performance during heavy mental and  
physical work p0298 A78-52638
- RUNDALL, T.  
Simulator pilot consoles for NAS enroute and ARTS  
3 facilities  
[AD-A047567/3] p0126 N78-19769
- RUSCHMEYER, O. R.  
Determinations of microbial loads associated with  
microscopic-size particles of Kennedy Space  
Center soil p0028 A78-15184
- RUSH, S.  
Relationships among Green's theorem, Helmholtz'  
theorem, and integral equation methods of  
solving the forward ECG problem p0196 A78-37152
- RUSSELL, P. E.  
Behavior, ecology and toxicity of venomous marine  
fishes  
[AD-A054925] p0279 N78-31692
- RUSSELL, P. D.  
U.S. coast guard variable cockpit training system  
- Our first four years with a modern simulator  
p0199 A78-38797
- RUSTANIAN, L. A.  
Dynamics of cardiorespiratory system indicators in  
healthy man during passive orthostatic test  
p0129 A78-28490

- RYCHKOVA, G. N.  
An experimental analysis of the multiplication of  
a slow wave of an evoked potential p0135 A78-30397
- RYKLIN, K. B.  
Functional state of the rat liver under the  
primary deleterious effect of impact accelerations p0175 N78-22677
- RYSAKOVA, S. L.  
Active rest in prolonged spaceflights as a  
psychological problem p0022 A78-13593
- RYVEIN, B. A.  
Solar activity and cardiovascular diseases p0164 N78-22575
- RYZHOV, A. I.  
Reaction of central and peripheral mediator  
elements of the sympathoadrenal system to single  
exposure to alternating magnetic field p0186 N78-23729

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- SABOE, E. P.  
Biological effects of nonionizing electromagnetic  
radiation Volume 2: Number 2, December 1977  
[AD-A047647] p0113 N78-18705
- Biological effects of nonionizing electromagnetic  
radiation, volume 2, no. 3, March 1978  
[AD-A052779] p0247 N78-28786
- SACZALSKI, K. J.  
Nonlinear numerical prediction of human  
head/helmet crash impact response p0073 A78-21702
- SADOFF, M.  
Motion sickness and otolith sensitivity - A pilot  
study of habituation to linear acceleration p0018 A78-13272
- SADOIAN, D. G.  
General approach to the modeling of the blood  
circulation p0271 A78-48762
- SAGAN, C.  
Lander imaging as a detector of life on Mars p0002 A78-11437
- Ultraviolet-photoproduced organic solids  
synthesized under simulated Jovian conditions -  
Molecular analysis p0105 A78-28049
- SAGAN, P. M.  
Behavioral protocols and preliminary observations  
of chicks exposed to weak amplitude modulated  
450 MHz fields p0166 N78-22595
- SAGNELLI, M.  
Remarks on tonal threshold and voice  
discrimination during negative acceleration in  
normal subjects and in subjects who have  
undergone endolymphatic-cerebrospinal fluid  
shunt operations p0020 A78-13512
- SAHLIN, K.  
Phosphagen and lactate contents of m. quadriceps  
femoris of man after exercise p0033 A78-15522
- Intracellular pH and bicarbonate concentration in  
human muscle during recovery from exercise p0297 A78-52545
- SAHRETOV, M.  
A rheological model for research on cochlear hypoxia p0360 A78-53394
- SAIKI, H.  
Microbiological study of bioecological system. I p0258 A78-47111
- Changes of closely related enzymes and minerals to  
neuro-muscular systems of albino rats. During  
prolonged exposure to simulated hypogravities p0211 A78-48645
- SAINT JOHN, W. M.  
Response of medullary respiratory neurons to  
hypercapnia and isocapnic hypoxia p0033 A78-15521
- SAITO, I.  
Application of factor analysis to  
electroencephalogram p0001 A78-10197
- SAKAGUCHI, E.  
Total cholesterol and high density lipoprotein  
cholesterol /H.D.L.-ch./ in serum of aged pilots

for predicting atherosclerotic diseases p0238 A78-44348

- SAKAGUCHI, T.  
Total cholesterol and high density lipoprotein  
cholesterol /H.D.L.-ch./ in serum of aged pilots  
for predicting atherosclerotic diseases p0238 A78-44348
- SAKHAROVA, S. A.  
Reaction of central and peripheral mediator  
elements of the sympathoadrenal system to single  
exposure to alternating magnetic field p0186 N78-23729
- SAKINA, N. L.  
Cyclic adenosine-3,5-monophosphate and  
photoreceptor potential of the retina in  
vertebrates p0072 A78-21196
- SAKURAI, I.  
Total cholesterol and high density lipoprotein  
cholesterol /H.D.L.-ch./ in serum of aged pilots  
for predicting atherosclerotic diseases p0238 A78-44348
- SALAZKIN, V. N.  
Dynamic control of parameters of spacecraft  
atmosphere p0116 N78-18725
- SALDIVAR, J. T.  
Stress in air traffic personnel - Low-density  
towers and flight service stations p0158 A78-35111
- Stress in air traffic personnel: Low-density  
towers and flight service stations  
[AD-A046826] p0094 N78-17657
- Experimental attempts to evoke a differential  
response to different stressors [AD-A054795] p0311 N78-32716
- SALEN, M. A.  
Loss of circadian rhythmicity in body temperature  
and locomotor activity following suprachiasmatic  
lesions in the rat p0267 A78-48576
- Effect of suprachiasmatic lesions on diurnal heart  
rate rhythm in the rat p0267 A78-48580
- SALEH, A. F.  
Physiological evaluation of pulmonary dilutional  
and enzymatic activity on blood-borne  
catecholamines in cardiocirculatory performance p0055 A78-19132
- SALINAS, G. A.  
Effect of prehatching weightlessness on adult fish  
behavior in dynamic environments p0139 A78-31841
- Killfish hatching and orientation: Experiment  
NA-161 p0092 N78-17106
- SALISBURY, J. K., JR.  
Study to design and develop remote manipulator  
systems [NASA-CR-152092] p0090 N78-16620
- SALWITSKII, V. P.  
Evaluation of the quality of man-in-the-loop  
guidance processes p0021 A78-13581
- Use of half-scale modeling for optimizing systems  
of manual control p0021 A78-13582
- Engineering-psychological analysis of information  
display systems p0216 A78-41368
- SAITZMAN, H. A.  
The biomedical effects of the hyperbaric environment  
[AD-A047173] p0146 N78-20766
- SAIVADORI, P.  
Radio protection and diagnosis with X-rays p0145 N78-20760
- Primary medium energy exposure standard:  
Comparison between ISS and BIPM p0145 N78-20761
- SALZANO, J.  
The biomedical effects of the hyperbaric environment  
[AD-A047173] p0146 N78-20766
- SALZEN, E. A.  
Latency changes in the human visual evoked  
response to sinusoidal gratings p0025 A78-14416
- SALZMAN, G. C.  
Laser backscattering measurements on biological  
cells: Preliminary results

- [LA-OR-76-2462] p0085 N78-16588  
**SAMUELS, P.**  
 Estimation of the operating characteristics of  
 item response categories 4: Comparison of the  
 different methods [AD-A057161] p0317 N78-33735
- SAMOILOVICH, L. A.**  
 Cortical evoked potentials during successive  
 visual masking p0197 A78-37748
- SAMONINA, G. E.**  
 Some problems regarding the participation of the  
 cerebral cortex in the regulation of the  
 cardiovascular system p0199 A78-38754
- SAMSON-DOLLEPUS, D.**  
 The use of methods of multivariate statistics for  
 the automatic recognition of anomalies in  
 records of background EEG p0052 A78-18537
- SAWADIRADZE, G. S.**  
 Formation mechanism for rhythmic extended action  
 potentials of peripheral nerves and muscles  
 p0104 A78-27668  
 On the possibility of predicting the frequency of  
 electrical stimulation which would cause the  
 onset of the regular rhythm of extended action  
 potentials p0105 A78-27712
- SANDBANK, E.**  
 Physico-chemical treatment of pond effluents for  
 unrestricted agricultural reuse with recovery of  
 algae as protein source: Pilot and field scale  
 experiments p0207 N78-25750
- SANDERS, D. C.**  
 Inhalation toxicology: 1. Design of a  
 small-animal test system. 2. Determination of  
 the relative toxic hazards of 75 aircraft cabin  
 materials [AD-A043646] p0011 N78-11681
- SANDERS, M. G.**  
 Visual Workload of the copilot/navigator during  
 terrain flight p0090 N78-16623  
 Visual workload of the copilot/navigator during  
 terrain flight [AD-A055038] p0296 N78-31742
- SANDERS, W.**  
 Analysis of the contractility of the myocardium of  
 different heart chambers by means of comparing  
 the isometric contraction of isolated stria and  
 the strain-gage recording of isometric stress of  
 the myocardium of an intact functioning heart  
 p0270 A78-48753
- SANDLER, H.**  
 A review of animal flight experiments p0009 N78-11664  
 Cardiovascular studies in the rhesus  
 monkey p0009 N78-11667
- SANDOVER, J.**  
 Modelling human responses to vibration p0078 A78-21731
- SANTORO, T. P.**  
 Spatiotemporal mapping of scalp potentials  
 p0035 A78-16080
- SANTUCCI, G. P.**  
 Research on visual acuity in color contrast  
 p0058 A78-20540  
 Concerning the utilization of electronic displays  
 in the field of aeronautics p0132 A78-29299
- SAPP, W.**  
 Cosmic ray effects on the eyes of rats flown on  
 Cosmos no. 782, Experiment K-007 p0078 A78-21736
- SARAEV, I. F.**  
 Information processing under emotionally saturated  
 conditions of activity p0261 A78-47957
- SARIC, M.**  
 Biological effects of manganese  
 [PB-277169] p0203 N78-24787
- SARKINEN, S. H.**  
 Electrical and biological effects of transmission  
 lines: A review [BPA-BIO-77-1] p0315 N78-33722
- SARKISOV, I. Y.**  
 Biomechanical criteria of artificial gravity p0110 N78-18682
- SASAKI, H.**  
 The experimental simulation of elastic model of  
 artery system - Some behaviour of vascular  
 substitute under repeated internal stress  
 p0217 A78-42576
- SASS, D. J.**  
 Effect of force environment on regional pulmonary  
 displacements and volumes in dogs p0103 A78-26924  
 Spatial distribution of pulmonary blood flow in  
 dogs in increased force environments p0130 A78-29032  
 Some effects of acceleration in man and chimpanzees  
 p0009 N78-11668
- SATINOFF, E.**  
 Neural organization and evolution of thermal  
 regulation in mammals p0215 A78-41216
- SAUNDERS, R. A.**  
 Evaluation of an electrochemical detector for  
 trace concentrations of hydrazine compounds in air  
 [AD-A054636] p0250 N78-28811
- SAUTKIN, V. S.**  
 A variant of portable single-channel  
 bioradiotelemetry system p0280 N78-31702
- SAVABA, B. S.**  
 Electrical enhancement of healing in combat  
 injuries to hard and soft tissues  
 [AD-A055531] p0282 N78-31718
- SAVELEV, A. P.**  
 Apollo-Soyuz test project on biorhythm of  
 zone-forming fungi - Preliminary work p0031 A78-15212  
 Apollo-Soyuz test project on biorhythm of  
 zone-forming fungi - Results of experiments  
 p0031 A78-15214
- SAVELYEVA, G. N.**  
 Consumption of freeze-dried food in weightlessness  
 p0184 N78-23712
- SAVIK, L. P.**  
 Cosmic ray effects on the eyes of rats flown on  
 Cosmos no. 782, Experiment K-007 p0078 A78-21736
- SAVINA, Y. A.**  
 Morphological manifestations of functional changes  
 in the hypothalamo-hypophyseal neurosecretory  
 system and rat kidneys under the influence of  
 space flight factors p0111 N78-18690  
 Combined effect of weightless and ionizing  
 radiation of rats: Results of morphological  
 studies p0124 N78-19759
- SAVITZ, S.**  
 The false positive stress test - Multivariate  
 analysis of 215 subjects with hemodynamic,  
 angiographic and clinical data p0026 A78-14646
- SAVIN, A. B.**  
 Cardiovascular reactions to orthostatic tests and  
 human resistance to vestibular stimuli p0115 N78-18724
- SAXENA, R. K.**  
 Changes in EPG pattern during acclimatization to  
 high altitude /3500 m/ in man p0241 A78-46409
- SAZONOVA, T. E.**  
 Diurnal rhythm of secretion of 17-oxy corticoids  
 during local and uniform production work p0129 A78-28488
- SBISA, E. E.**  
 Research in support of joint Army-Navy air crew  
 impact injury prevention program  
 [AD-A053437] p0233 N78-27775
- SCANO, A.**  
 Three-dimensional ballistocardiography in  
 weightlessness p0169 N78-22624
- SCHAEFER, G.**  
 Influence of hyperoxia /1 ATA/ on mouse brain  
 GABA, glutamate, and glutamine p0133 A78-29558  
 Blood gas tension and development of lung damage  
 in mice exposed to oxygen at 1 ATA p0133 A78-29559  
 Effect of acceleration on brain metabolites  
 [DLR-IB-355-76/05] p0044 N78-13733

- SCHAEFER, H. J.  
A note on the tissue star dose in personnel  
radiation monitoring in space  
[NASA-CR-151724] p0208 N78-25758
- SCHAEFER, K. E.  
Regulation of intracellular pH in lungs and other  
tissues during hypercapnia p0236 A78-43792
- SCHAEFER, M.  
Dosimetric and biological results from the  
Bacillus subtilis Biostack experiment within the  
ASTP p0267 A78-48598
- SCHAEDEGG, C. P.  
Contrast sensitivity of the human visual system at  
one luminance level while adapted to a stimulus  
at another luminance level  
[AD-A055238] p0282 N78-31717
- SCHELD, H. W.  
Killfish hatching and orientation: Experiment  
MA-161 p0092 N78-17106
- SCHELE, R.  
Changes in male exercise performance and  
anthropometric variables between the ages of 19  
and 30 p0138 A78-31769
- SCHERER, K.  
Synthesis and biological screening of novel hybrid  
fluorocarbon hydrocarbon compounds for use as  
artificial blood substitutes  
[NASA-CR-155781] p0112 N78-18702
- SCHINNEL, D. E.  
Behavioral and physiological correlates of varying  
noise environments  
[PB-271713/0] p0046 N78-13745
- SCHLIPKOTTER, R.-W.  
Study of the effects of chronic ozone exposure on  
animals - Morphological and functional changes  
p0024 A78-14193
- SCHNELING, W. T.  
Effect of sojourn at 3200-m altitude on spinal  
reflexes in young adult males p0018 A78-13268
- SCHNELZER, W. S.  
Cortisol-mediated synchronization of circadian  
rhythms in urinary potassium excretion  
p0049 A78-17646
- SCHNID, R.  
Visual-vestibular interaction during linear motion  
p0170 N78-22634
- SCHMIDT, D. K.  
A queuing analysis of the air traffic controller's  
work load p0200 A78-39648
- SCHMIDT, D. R.  
U.S. coast guard variable cockpit training system  
- Our first four years with a modern simulator  
p0199 A78-38797
- SCHNECK, D. J.  
Aerodynamic forces exerted on an articulated human  
body subjected to windblast p0075 A78-21713
- Aerodynamic forces exerted on an articulated body  
subjected to windblast  
[AD-A044217] p0041 N78-12662
- SCHNEIDER, A. J.  
A unique approach to aerial refueling simulation  
for training boom operators  
[AIAA 78-1591] p0291 A78-50666
- SCHNEIDER, J. F.  
Precordial T wave vectors in the detection of  
coronary heart disease - The Framingham study  
p0017 A78-13147
- SCHNEIDER, L. W.  
Prediction of head/neck dynamic response of  
selected military subjects to -G/x/ acceleration  
p0075 A78-21717
- SCHNEIDERMAN, G.  
Oxygen electrode design criteria and performance  
characteristics - Recessed cathode p0236 A78-43794
- SCHNOES, E. K.  
Experiment requirements: Vitamin D metabolites  
and bone demineralization, Spacelab 2,  
experiment no. 1  
[NASA-TN-79423] p0145 N78-20757
- SCHOLTEN, R.  
A new method for determining the active force  
system in lower limbs during human locomotion  
p0179 N78-22702
- SCHOPP, J. W.  
The evolution of the earliest cells p0260 A78-47846
- SCHOPPER, E.  
Assignment of particle tracks to spores of  
Bacillus subtilis on silver chloride detectors  
p0029 A78-15192
- Light flash observations: Experiment MA-106  
p0091 N78-17100
- SCHOTT, J. G.  
Assignment of particle tracks to spores of  
Bacillus subtilis on silver chloride detectors  
p0029 A78-15192
- Light flash observations: Experiment MA-106  
p0091 N78-17100
- SCHOUTEN, M. E. H.  
Vowel segments in consonantal contexts: A spectral  
study of coarticulation  
[IZF-1977-14] p0225 N78-26735
- SCHRAMM, R.  
The effect of various drugs on experimentally  
induced ulcers in immobilized rats  
[NASA-TN-75340] p0305 N78-32670
- SCHRIER, A. M.  
Eye movements of monkeys during learning-set  
formation p0130 A78-28829
- SCHROER, R. B.  
Manned maneuvering unit for Shuttle EVA  
p0034 A78-15632
- SCHUBERT, D.  
Alterations in the surface properties of cells  
responsive to nerve growth factor p0217 A78-42459
- SCHUBERT, F. H.  
Iodine generator for reclaimed water purification  
[NASA-CASE-MSC-14632-1] p0062 N78-14784
- Prototype Bosch CO2 reduction subsystem for the  
RISE experiment  
[NASA-CR-150504] p0067 N78-15693
- Technology advancement of the static feed water  
electrolysis process  
[NASA-CR-152073] p0126 N78-19772
- Technology advancement of the electrochemical CO2  
concentrating process  
[NASA-CR-152098] p0182 N78-22723
- Evaluation of a spacecraft nitrogen generator  
[NASA-CR-152097] p0189 N78-23748
- Advanced instrumentation concepts for  
environmental control subsystems  
[NASA-CR-152100] p0250 N78-28807
- SCHUBERT, R. W.  
Myocardial PO2 distribution - Relationship to  
coronary autoregulation p0154 A78-33523
- SCHUESSLER, R. B.  
The influence of anatomical variations on voltage  
in the 12 lead electrocardiogram p0064 N78-15670
- SCHULL, W. J.  
Multinational Andean Genetic and Health Program.  
VII - Lung function and physical growth -  
Multivariate analyses in high- and low-altitude  
populations p0298 A78-52639
- SCHULMAN, M.  
Inflatable body and head restraint  
[AD-A046477] p0068 N78-15702
- SCHULTZ, T. A.  
Glucose delivery - A modulator of glucose uptake  
in contracting skeletal muscle p0055 A78-19143
- SCHWARTZ, E.  
Preliminary investigation of using the centrifuge  
and light aircraft for training payload  
specialists  
[DIR-IB-355-76/06] p0044 N78-13734
- SCHWARTZ, R. H.  
Origins of prokaryotes, eukaryotes, mitochondria,  
and chloroplasts p0080 A78-21874
- SCHWER, L.  
Theory and application of a three-dimensional  
model of the human spine p0074 A78-21708
- SCRIBA, P. C.  
Increased secretion of growth hormone, prolactin,

- antidiuretic hormone, and cortisol induced by the stress of motion sickness p0079 A78-21741
- Increased urinary excretion of triiodothyronine /T3/ and thyroxine /T4/ and decreased serum thyrotropic hormone /TSH/ induced by motion sickness p0079 A78-21742
- SEALS, J.  
RF dielectric properties measurement system: Human and animal data [PB-274776/4] p0114 A78-18711
- SEAMAN, G. V. F.  
Separation of lymphocytes by electrophoresis under terrestrial conditions and at zero gravity, phase 3 [NASA-CR-151702] p0148 A78-21753
- SEAMAN, R. L.  
Vestibulo-cochlear single unit responses to microwave radiation p0168 A78-22613
- SEARS, T. A.  
Mechanics of the human diaphragm during voluntary contraction. I - Statics. II - Dynamics p0217 A78-42004
- SEDOV, A. V.  
Radiation protection for Soyuz crews p0193 A78-36631  
Provisions for radiation safety of the crew of the second expedition on Salyut-4 p0124 A78-19758
- SEIREG, A.  
Distribution of spinal disc pressures in the seated posture subjected to impact p0074 A78-21709
- SEKIGUCHI, C.  
Application of factor analysis to electroencephalogram p0001 A78-10197  
Evaluation method of mental workload under flight conditions p0215 A78-41168
- SEKSENBAEV, D. M.  
Characteristics of electrical parameters of human skin during adaptation to high-altitude conditions p0213 A78-41013
- SEKULER, R.  
Alcohol retards visual recovery from glare by hampering target acquisition p0048 A78-17524
- SELIGER, H. H.  
Chemical production of excited states in biology: Mechanism, regulation and function, renewal proposal [COO-3277-47] p0207 A78-25753
- SELIVANENKO, V. T.  
Tetrapolar rheography used to evaluate the circulatory system p0120 A78-18754
- SELIVERSTOV, L. N.  
Methods of irradiating biological objects and results of dosimetry onboard the Kosmos-690 satellite p0306 A78-32680
- SELVAMURTHY, V.  
Effect of altitude acclimatization on thermoregulation efficiency of man p0157 A78-35107  
Changes in EEG pattern during acclimatization to high altitude /3500 m/ in man p0241 A78-46409
- SENEV, L. A.  
Responses of the frog's cerebellar neurons to caloric vestibular stimuli of different intensity p0100 A78-26611  
Mechanisms of interaction between receptors of the vestibular system p0266 A78-48522
- SENEV, V. G.  
Methods of irradiating biological objects and results of dosimetry onboard the Kosmos-690 satellite p0306 A78-32680
- SENIK, L. I.  
Absorptive function of the small intestine during administration of the aerovit drug under motion-sickness conditions p0160 A78-36124
- SEN, B. H.  
Optimal rate of work for mountaineers p0217 A78-42007
- SENAY, L. C.  
Effects of training and heat acclimatization on blood plasma contents of exercising men p0049 A78-18076
- SENN, J.  
Problems raised by the discovery of a papillary edema in a pilot trainee p0060 A78-20560  
The visual risk of ethambutol treatment - Aeronautical incidences p0132 A78-29296
- SENEBRENNIKOV, M. I.  
Effect of head orientation in the gravity field on severity of caloric nystagmus p0111 A78-18691
- SERGEEV, A. L.  
Effect of impulse accelerations on the condition of the cardiovascular system of healthy people p0296 A78-52274
- SERGEEV, V. A.  
Study of the work capability of helicopter crews during a long stay on warships p0137 A78-30786
- SERGEEV, V. I.  
Analog simulation of the movements of an ideal manipulator p0266 A78-48511
- SERGEVA, K. A.  
Significance of supraspinal mechanisms in adaptive responses of the cardiovascular system during postural change p0218 A78-42661
- SEROPIAN, N. S.  
Muscular control of movements with one degree of freedom. I - Single movements p0034 A78-15996
- SEROVA, L. V.  
Alterations in erythrocyte survival parameters in rats after 19.5 days aboard Cosmos 782 p0079 A78-21744  
Change in gravitation level as a stress factor p0110 A78-18683  
DNA status in rat liver and spleen following flight on Kosmos-605 satellite p0118 A78-18742
- SEVERINGHAUS, J. W.  
CSP pH and ventilatory acclimatization to altitude p0259 A78-47208
- SEYFOLLA, R. D.  
Parameters of acid-base equilibrium and enzymatic activity of blood in man during brief antiothostatic hypokinesia p0110 A78-18687
- SHABELNIKOV, V. G.  
Variants of control for an ecosystem that is closed with regard to exchange of gases, with periodically functioning autotrophic component p0176 A78-22680
- SHAFIRKIN, A. P.  
Investigation of the influence of prolonged rotation on radiation lesions p0306 A78-32682
- SHAITOR, E. P.  
Influence of angular measures, duration, and shape of stimuli on detecting the order of tracking visual signals p0196 A78-37746
- SHALNEV, B. I.  
Technique for selective catheterization of the heart and great vessels used in biomedical studies of healthy individuals p0110 A78-18686
- SHAMES, D. M.  
Thallium-201 myocardial perfusion scintigraphy for the clinical clarification of normal, abnormal and equivocal electrocardiographic stress tests p0073 A78-21450
- SHANAHAN, A. J.  
Formation and management of an expert toxicological review team for literature search, evaluation and organization of currently available rapid toxicological tests, volume 1 [AD-A056311] p0315 A78-33718  
Formation and management of an expert toxicological review team for literature search, evaluation and organization of currently

- available rapid toxicological tests, volume 2  
[AD-A056312] p0315 N78-33719
- SHANDURINA, A. N.  
Mechanisms of self-regulation of the functional  
system of tracking in normal and pathological  
states p0263 A78-47979
- SHAPIRO, D.  
Biofeedback and self-regulation in essential  
hypertension  
[AD-A046774] p0066 N78-15687
- SHAPIRO, Y.  
Heat acclimation, physical fitness, and responses  
to exercise in temperate and hot environments  
p0050 A78-18079  
Prediction of heat tolerance from heart rate and  
rectal temperature in a temperate environment  
p0050 A78-18080
- SHAPLAND, D. J.  
Choosing ESA's first astronaut p0240 A78-45885
- SHAPOSHNIKOV, Y. A.  
Some features of the bioelectric activity of the  
muscles with prolonged hypokinesia  
[NASA-TM-75116] p0225 N78-26727
- SHAPTALA, A. A.  
A variant of portable single-channel  
biotelemetry system p0280 N78-31702
- SHARMA, S. C.  
Alterations in left ventricular function in normal  
man on exposure to high altitude /3658 m/  
p0155 A78-34083  
Urinary catecholamine excretion in temporary  
residents of high altitude p0192 A78-36606
- SHARP, L. F.  
Behavioral and physiological correlates of varying  
noise environments: Annotated bibliography  
[PB-267565/0] p0007 N78-10698  
Behavioral and physiological correlates of varying  
noise environments  
[PB-271713/0] p0046 N78-13745
- SHAUGHNESSY, J. D.  
Adaptation of time line analysis program to single  
pilot instrument flight research  
[NASA-TM-78748] p0317 N78-33731
- SHAUROV, V. N.  
Visual evaluation of simulated elements of lunar  
relief p0264 A78-47987
- SHAW, A.  
Two-dimensional echocardiography with a wide angle  
/60 deg/ sector scanner p0001 A78-10498
- SHCHEGOLEV, V. S.  
Human endurance of measured exercise in the  
presence of chronic hypercapnia p0185 N78-23718
- SHCHEGOLKOV, A. N.  
Effect of hypokinesia on the contractile function  
and neural regulation of the heart p0302 A78-53789
- SHCHENILEV, N. P.  
Psychophysiological characteristics of pilot  
activity during low-altitude flights over the sea  
p0266 A78-48410
- SHCHERBA, M. M.  
Some indices of oxygen exchange and resistance of  
rats to acute hypoxia during posttransfusion  
polycythemia p0302 A78-53788
- SHCHERBAKOVA, M. N.  
Changes in circulating blood volume and filling of  
the brain and internal organs of rats following  
acute and chronic hypoxia p0120 N78-18756
- SHCHIGOLEV, V. V.  
Effect of space flights on blood circulation and  
gas exchange during functional loading p0194 A78-36636
- SHEIPAK, L. N.  
Effect of impulse accelerations on the condition  
of the cardiovascular system of healthy people  
p0296 A78-52274
- SHELEP, G.  
Physico-chemical treatment of pond effluents for  
unrestricted agricultural reuse with recovery of  
algae as protein source: Pilot and field scale  
experiments p0207 N78-25750
- SHEIN-MILLER, J.  
Regions of differential cell elongation and  
mitosis, and root meristem morphology in  
different tissues of geotropically stimulated  
maize root apices p0298 A78-52631
- SHEVDRIK, V. P.  
Dependence of the estimation of human state on the  
personal characteristics of the estimator  
p0023 A78-13599
- SHEIN, S. N.  
Human factors engineering. Part 1: Test procedures  
[AD-A051481] p0205 N78-24800  
Human factors engineering. Part 2: HEDGE  
[AD-A051482] p0205 N78-24801
- SHERENETEVSKAYA, S. K.  
Regional redistribution of blood during the  
immediate aftereffect period following exposure  
of rats to transverse accelerations p0308 N78-32693
- SHERESHKOV, G. M.  
Clinical and physiological aspects of the  
evacuation of the wounded and the sick by air  
transport p0054 A78-18923
- SHERGOLD, G. R.  
Workload and fatigue-in-flight EEG changes  
p0298 A78-52640
- SHESTKOV, B. P.  
A psychological factor in the optimization of  
operator function during monotonous tracking  
p0022 A78-13588  
Effect of vitamin and amino acid supplements on  
human performance during heavy mental and  
physical work p0298 A78-52638
- SHETH, M.  
Stochastic models of algal photosynthesis in  
turbulent channel flow p0032 A78-15380
- SHETZER, L. I.  
Mental rotation under head tilt - Factors  
influencing the location of the subjective  
reference frame p0299 A78-53084
- SHEVCHENKO, I. V.  
DNA content in the lymph organs of rats during  
adaptation to hypoxia p0051 A78-18524
- SHEVCHENKO, V. V.  
The astronaut in the astronavigation system of  
manned spacecraft p0262 A78-47968
- SHEVCHUK, V. G.  
Contractile function of the myocardium and energy  
supply during experimental hyperfunction of the  
heart in animals of different age p0237 A78-44090
- SHEVELEV, I. A.  
Interrelationship of the properties of visual  
neurons p0292 A78-51319
- SHIBOLET, S.  
Heat acclimation, physical fitness, and responses  
to exercise in temperate and hot environments  
p0050 A78-18079  
Prediction of heat tolerance from heart rate and  
rectal temperature in a temperate environment  
p0050 A78-18080
- SHIDA, S.  
Some findings on the inner ear after experimental  
obliteration of the endolymphatic duct and sac  
of guinea pigs p0300 A78-53396
- SHIDLOVSKII, V. A.  
Systems analysis of sympathetic functions  
p0270 A78-48752  
Analysis of the contractility of the myocardium of  
different heart chambers by means of comparing  
the isometric contraction of isolated stria and  
the strain-gage recording of isometric stress of  
the myocardium of an intact functioning heart  
p0270 A78-48753  
Mathematical model of the contractile activity and  
the chronotropism of the myocardium  
p0270 A78-48755

- SHIN, K. L.  
Degradation of biochemical activity in soil  
sterilized by dry heat and gamma radiation  
p0303 A78-53874
- SHIBO, H.  
On a hypothesis in Luneburg's theory of binocular  
visual space  
p0216 A78-41411
- SHIMIZU, K.  
Evaluating experiments of heat insulation of life  
raft by dummy and human body  
p0001 A78-10195
- SHIMIZU, T.  
Trouble shooting pattern of emergency through  
instruments by jet-pilots. I  
p0001 A78-10194
- SHINAR, D.  
Driver visual limitations diagnosis and treatment  
[PB-278884/2]  
p0232 A78-27764
- SHINKAREVA, M. M.  
Study of cosmonaut integument microflora  
p0194 A78-36640
- SHINKAREVSKAYA, I. P.  
Physiological responses under the action of  
Coriolis acceleration  
p0072 A78-21183
- SHIPOV, A. A.  
Biomechanical criteria of artificial gravity  
p0110 A78-18682  
Human visual functions as related to mild  
vestibular stimuli  
p0185 A78-23717
- SHIPTON, M. S.  
Tables for the estimation of noise-induced hearing  
loss  
[NPL-AC-61-REV]  
p0188 A78-23743  
Hearing hazard from occupational noise:  
Observations on a population from heavy industry  
[NPL-AC-80]  
p0188 A78-23744
- SHIRACHI, D. K.  
Head rotational spectral characteristics during  
two-dimensional smooth pursuit tasks  
p0272 A78-49263  
The effect of a visual/motion display mismatch in  
a single axis compensatory tracking task  
[NASA-CR-29211]  
p0007 A78-10701
- SHIRKOVETS, E. A.  
A mathematical model of anaerobic energy  
metabolism for evaluating the mechanisms of  
oxygen debt formation  
p0105 A78-27713
- SHIRLEY, R. S.  
The effect of a visual/motion display mismatch in  
a single axis compensatory tracking task  
[NASA-CR-29211]  
p0007 A78-10701  
Some modern control techniques for human operator  
modeling and identification  
p0182 A78-23022
- SHIRVINSKAYA, M. A.  
Dynamics of afferent impulsation in posterior  
spinal radices of dogs with restricted movement  
p0308 A78-32696
- SHNELEVA, A. M.  
Analysis of the regulation of human respiration in  
transient and stable periods of muscle activity  
p0213 A78-41010  
Criteria for quantitative evaluation of  
respiratory system responses  
p0302 A78-53790
- SHNIDT, A. A.  
Thematic filtering algorithms and their use in  
recognition of complex images  
p0156 A78-34962
- SHONKA, J. J.  
Fast neutron depth dose distributions in a  
heterogeneous phantom  
p0314 A78-33712
- SHOMOYO, C.  
Anthropometry: Basic studies and applications,  
volume 2. A bibliography with abstracts  
[NTIS/PS-78/0866/0]  
p0316 A78-33726
- SHORE, M. L.  
The effect of repetitive prenatal low-level  
microwave exposure on development in the rat  
p0168 A78-22610
- SHOWALTER, T. W.  
G-seat system step input and sinusoidal response  
characteristics  
[NASA-TN-78478]  
p0226 A78-26741
- A pilot evaluation of two G-seat cueing schemes  
[NASA-TP-1255]  
p0285 A78-31739
- SHERBERG, G. L.  
Interrrelationship of catecholamines and  
corticosteroids during muscle fatigue  
p0156 A78-34785
- SHEINE, B. A.  
Effect of weightlessness and of artificial gravity  
on irradiated lettuce seeds  
p0031 A78-15210
- SHENGOLD, E. SH.  
A mathematical model of anaerobic energy  
metabolism for evaluating the mechanisms of  
oxygen debt formation  
p0105 A78-27713
- SHTERNBERG, M. I.  
Concerning structural problems of biological  
thermodynamics  
p0214 A78-41017
- SHUBA, M. P.  
Synaptic transmission in muscles and mechanisms of  
mediator action  
p0106 A78-28096
- SHUBICH, M. G.  
Histochemical study of digestive organs of rats  
following flight on Kosmos-605  
p0115 A78-18722  
Histochemical study of digestive organs of rats  
involved in space flight on the Kosmos-690  
satellite  
p0306 A78-32681
- SHUCHLEIB, R.  
Myocardial contracture and accumulation of  
mitochondrial calcium in ischemic rabbit heart  
p0055 A78-19145
- SHUETS, V. M.  
Morphology of bone marrow cells of rats on the  
Kosmos-605 biosatellite  
p0176 A78-22683
- SHUGAR, T. A.  
A finite element head injury model. Volume 2:  
Computer program documentation  
[AD-A043582]  
p0012 A78-11693  
A finite element head injury model. Volume 1:  
Theory, development, and results  
[AD-A043605]  
p0012 A78-11694
- SHULZHENKO, E. B.  
Prevention of human deconditioning during  
prolonged immersion in water  
p0030 A78-15202  
Physiological effects of varying gravity  
p0198 A78-38751
- SHULZHENKO, Y. B.  
Blood clotting function during 12-day immersion in  
water, and the preventive role of revolving on a  
centrifuge  
p0117 A78-18733
- SHUMAKOV, V. I.  
Technique for selective catheterization of the  
heart and great vessels used in biomedical  
studies of healthy individuals  
p0110 A78-18686
- SHUMILINA, A. I.  
An experimental analysis of the multiplication of  
a slow wave of an evoked potential  
p0135 A78-30397
- SHUSHUROV, V. I.  
Measurement of radiation doses in the Soyuz-16  
spacecraft  
p0117 A78-18732  
Provisions for radiation safety of the crew of the  
second expedition on Salyut-4  
p0124 A78-19758
- SHUSTIN, N. A.  
Methodological aspects of the physiology of behavior  
p0135 A78-30396
- SHUTENKO, O. I.  
Effect of energy of superhigh-frequency  
electromagnetic fields on the bodies of  
experimental animals under different conditions  
of ultraviolet irradiation  
p0186 A78-23726
- SHVARTZ, E.  
Heat acclimation, physical fitness, and responses  
to exercise in temperate and hot environments  
p0050 A78-18079  
Prediction of heat tolerance from heart rate and  
rectal temperature in a temperate environment  
p0050 A78-18080

- SHVETS, V. N.  
Heterophilic antibodies and complement activity of  
rat blood serum after flight in Kosmos-605  
satellite p0116 N78-18731  
Morphological study of hemopoietic organs of  
hypokinetic rats p0307 N78-32686
- SHVETSOVA, E. I.  
Aftereffects of short-term cooling and their  
significance in cold adaptation p0107 A78-28450
- SHVYRKOV, V. B.  
The theory of a functional system as the  
methodological basis for the neurophysiology of  
behavior p0135 A78-30398
- SHY, C. H.  
The human health effects of photochemical oxidant  
air pollution - A review of experience in the  
United States p0024 A78-14197
- SIDELNIKOV, I. A.  
Modern electronystagmography for vestibulometry p0160 A78-35899
- SIDOROV, I. U. N.  
The eight-sensor low-energy gamma topograph GNG-8 p0131 A78-29068
- SIDOROV, O. Y.  
Defense reactions of the organism while breathing  
high concentrations of carbon dioxide p0117 N78-18734
- SIEBERT, H. L.  
Biological testing of water reclaimed from  
purified sewage effluents p0206 N78-25747
- SIEGEL, A. I.  
Human performance tradeoff curves for use in the  
design of Navy systems [AD-A053332] p0209 N78-25770
- SIEGEL, B. Z.  
Growth of fungi in NaCl-MgSO<sub>4</sub> brines p0268 A78-48653  
Volcanism and soil mercury on Mars -  
Consequences for terrestrial microorganisms p0268 A78-48670
- SIEGEL, S. H.  
Growth of fungi in NaCl-MgSO<sub>4</sub> brines p0268 A78-48653  
Volcanism and soil mercury on Mars -  
Consequences for terrestrial microorganisms p0268 A78-48670  
Gravity as a biochemical determinant p0269 A78-48671
- SIEVERS, A.  
Responses of roots to simulated weightlessness on  
the fast rotating clinostat p0268 A78-48667  
Ultrastructural aspects of gravity-perceiving  
cells in cross roots p0172 N78-22648
- SILBERSTEIN, S.  
Hazards of organic working fluids [BNL-50761] p0283 N78-31725
- SILBE, K.  
Response of the iron-deficient erythrocyte in the  
rat to hyperoxia p0192 A78-36605
- SILLAU-GILLOE, A. H.  
Effects of maturation and hypoxia on skeletal muscle p0085 N78-16584
- SILVER, S.  
Anaerobic bacteriology and curriculum design for  
medical technology p0064 N78-15671
- SILVERMAN, C.  
Causes of death following occupational exposure to  
microwave radiation (radar) 1950 - 1974 p0168 N78-22614
- SILVERMAN, J. R.  
An investigation of the relationship of the evoked  
potential to various modes of visual stimulation p0005 N78-10689
- SINAKOV, A. A.  
Consumption of freeze-dried food in weightlessness p0184 N78-23712
- SIMMONDS, R. C.  
A subcutaneous channeling probe for implanting  
long leads p0294 A78-51872
- The use of nonhuman primates in space [NASA-CP-005] p0008 N78-11663  
Veterinary medical considerations for the use of  
nonhuman primates in space research p0009 N78-11671
- SIMMONS, R. E.  
Visual workload of the copilot/navigator during  
terrain flight p0090 N78-16623  
Visual workload of the copilot/navigator during  
terrain flight [AD-A055038] p0286 N78-31742  
Methodological considerations of visual workloads  
of helicopter pilots p0286 N78-31747  
Visual performance/workload of helicopter pilots  
during instrument flight [AD-A055424] p0318 N78-33738
- SIMMONS, W. S.  
Nitrogen oxides: Current status of knowledge  
[PPRI-EA-668] p0283 N78-31723
- SIMON, C. W.  
Design, analysis, and interpretation of screening  
studies for human factors engineering research  
[AD-A050361] p0147 N78-20774  
Design, analysis, and interpretation of screening  
studies for human factors engineering research,  
revision [AD-A056985] p0318 N78-33743
- SIMONELLI, C.  
Reduced triglyceride secretion - A metabolic  
consequence of chronic exercise p0134 A78-29637
- SIMONENKOV, A. S.  
Human operator in a spacecraft control system  
during descent in the atmosphere p0263 A78-47970
- SIMONOV, Y. Y.  
Acute leukocytic reactions to impact accelerations p0119 N78-18752  
Functional state of the rat liver under the  
primary deleterious effect of impact accelerations p0175 N78-22677
- SIMPSON, C. A.  
Required attention for synthesized speech  
perception for three levels of linguistic  
redundancy p0196 A78-37531
- SIMPSON, J. H.  
Spatial disorientation in general aviation accidents p0265 A78-48081  
Spatial disorientation in general aviation accidents  
[AD-A053230] p0230 N78-27755
- SIMUNOVIC, S. W.  
Robot and manipulator control by exteroceptive  
sensors p0083 A78-23855
- SINCLAIR, A.  
Hearing hazard from occupational noise:  
Observations on a population from heavy industry  
[NPL-AC-80] p0188 N78-23744
- SINIAIA, M. S.  
Study of transient processes in the visceral  
analyzer p0213 A78-41012
- SITNIKOVA, N. N.  
Onboard food rations and a system for providing  
water p0193 A78-36630
- SITTENFIELD, H.  
Strong sensitizers [PB-280475/5] p0284 N78-31728
- SIVOKON, L. A.  
Effectiveness of the work of an operator with a  
command signal field as a function of the means  
of presentation of command information p0022 A78-13591
- SJOSTROM, K.  
Tolerance and cross-tolerance using NO<sub>2</sub> and O<sub>2</sub>. I  
- Toxicology and biochemistry p0130 A78-29030
- SKARDS, I. A. V.  
Characteristics of pressor response during  
voluntary and induced contraction of skeletal  
muscles p0218 A78-42662
- SKIPINA, N. G.  
Dynamics of reflex reactions of arteries and veins



- during variation of the functional state of vasomotor centers p0243 A78-46454
- SKIPKA, W.  
Circulatory, renal and endocrine reactions on simulated weightlessness dependent on physical fitness state p0170 N78-22629
- SKORIK, A. S.  
Hemopoiesis in dogs exposed to lethal doses of protons with shielded bone marrow p0116 N78-18728
- SKRYABIN, A. S.  
Immunological reactivity and prediction of allergic complications in the crew of the second expedition of Salyut-4 p0183 N78-23710
- SKURATOVA, S. A.  
Dynamics of afferent impulsation in posterior spinal radices of dogs with restricted movement p0308 N78-32696
- SLAPPENWEL, S.  
Perimetry of contrast detection thresholds of moving spatial sine wave patterns. I - The near peripheral visual field /eccentricity 0-8 deg/. II - The far peripheral visual field /eccentricity 0-50 deg/. III - The target extent as a sensitivity controlling parameter. IV - The influence of the mean retinal illuminance p0217 A78-42473
- SLEPCHUK, W. A.  
Enhancement factor in the thermoregulatory system at varying ambient temperature p0156 A78-34787  
The role of a decrease in body heat content in the thermoregulatory response of ear passageways p0293 A78-51661
- SLINEY, D. H.  
Laser protective eyewear [AD-A044105] p0042 N78-12673
- SLIUSAR, I. B.  
Changes in protein metabolism during prolonged hypokinesia p0154 A78-33467
- SLOBODCHUK, Y. S.  
Prevention of hypertensive states in ship crews out at sea p0120 N78-18759
- SLOBODNIK, B. A.  
Service life analysis of the SPR-4 aviator helmet p0018 A78-13271
- SLONIN, A. R.  
Acute toxicity of selected hydrazines to the common guppy p0032 A78-15254
- SLUTSKIY, L. I.  
Effect of age on mechanical properties and biochemical composition of the heart arteries in man p0289 A78-50531
- SLUTSKY, A. S.  
Heart rate response to isocapnic hypoxia in conscious man p0104 A78-27123
- SHIRNOV, K. H.  
Diurnal rhythms of secretion of 17-oxycorticoids during local and uniform production work p0129 A78-28488
- SHIRNOV, K. V.  
Reaction of the digestive system to the effect of spaceflight factors p0194 A78-36639
- SHIRNOV, V. H.  
Investigation of elementary informational mnemonic fields in the human brain p0052 A78-18535  
Mechanisms of self-regulation of the functional system of tracking in normal and pathological states p0263 A78-47979
- SHIRNOVA, B. A.  
Analysis of the contractility of the myocardium of different heart chambers by means of comparing the isometric contraction of isolated stria and the strain-gage recording of isometric stress of the myocardium of an intact functioning heart p0270 A78-48753
- SHIRNOVA, T. A.  
Diurnal rhythms of secretion of 17-oxycorticoids
- during local and uniform production work p0129 A78-28488
- Effects of chronic exposure to carbon monoxide on biochemistry of human blood p0119 N78-18748
- SMIT, J.  
Pilot workload analysis based upon in-flight physiological measurements and task analysis methods [NLR-HP-76001-U] p0256 N78-29762
- SMITH, A. H.  
Gravitational influences upon the maintenance requirements of rabbits p0030 A78-15205  
Body mass, composition, and food intake in rabbits during altered acceleration fields p0235 A78-43788
- SMITH, A. T.  
Evoked potential evidence of adaptation to spatial Fourier components in human vision p0236 A78-43923
- SMITH, D. E.  
Predictive model of dynamic response of the human head/neck system to -G/z/ impact acceleration p0076 A78-21718  
Prediction of motion sickness incidence: A statistical examination of three approaches [AD-A044060] p0042 N78-12674
- SMITH, G. C.  
Antifouling activity of phytotoxic compounds and experimental polymeric algicides [NRL-R-698] p0148 N78-21747
- SMITH, G. G.  
A critical evaluation of the application of amino acid racemization to geochronology and geothermometry p0026 A78-14682
- SMITH, H. A.  
Emergency space-suit helmet [NASA-CASE-HSC-10954-1] p0121 N78-18761
- SMITH, H. C.  
Effect of force environment on regional pulmonary displacements and volumes in dogs p0103 A78-26924
- SMITH, H. G., JR.  
Retinal rod outer segment discs: A study of membrane structure and function p0087 N78-16601  
Retinal rod outer segment discs: A study of membrane structure and function p0123 N78-19750
- SMITH, J. J.  
Alterations of postural and Valsalva responses in coronary heart disease p0055 A78-19146
- SMITH, K. U.  
Unimanual and bimanual control in a compensatory tracking task p0292 A78-51347
- SMITH, P. D.  
Variability of oxygen affinity of normal blood - An automated method of measurement p0259 A78-47209
- SMITH, P. W.  
Inhalation toxicology: 1. Design of a small-animal test system. 2. Determination of the relative toxic hazards of 75 aircraft cabin materials [AD-A043646] p0011 N78-11681  
The role of monamine oxidase inhibition in the acute toxicity of chlordimeform [AD-A045507] p0093 N78-17656
- SMITH, R. C.  
Effects of ground trainer use on the anxiety of students in private pilot training p0101 A78-26736  
Stress in air traffic personnel - Low-density towers and flight service stations p0158 A78-35111  
Stress in air traffic personnel: Low-density towers and flight service stations [AD-A046826] p0094 N78-17657  
Job attitudes of airway facilities personnel [AD-A046412] p0096 N78-17671
- SMITH, T. D.  
The measurement of acoustical parameters and transducer accelerations in pulsatile echo-encephalography p0144 N78-20751

- SMITH, T. S.  
The division of attention and the human auditory evoked potential  
p0105 A78-27748
- SMITH, V. C.  
Chromatic two-pulse resolution with and without luminance transients  
p0035 A78-16082
- SMOLENSKIY, L. G.  
Provisions for radiation safety of the crew of the second expedition on Salyut-4  
p0124 A78-19758
- SHOLIANINOVA, I. L.  
Mechanism of bifixation in the act of binocular vision  
p0072 A78-21181
- SNISARENKO, A. A.  
Cardiac rhythm during wakefulness and different stages of sleep  
p0129 A78-28491
- SNOW, T. R.  
Substrate effects on myocardial performance during normoxia and hypoxia  
p0261 A78-47949
- SNYDER, A. W.  
Information capacity of eyes  
p0025 A78-14413
- SNYDER, E.  
Long-latency evoked potentials to irrelevant, deviant stimuli  
p0105 A78-27749
- SNYDER, L.  
A study of effects of hyperthermia on large, short-haired male dogs: A simulated air transport environmental stress  
[AD-A040432/7]  
p0005 A78-10683
- SNYDER, R. G.  
Study of impact tolerance through free-fall investigations  
[PR-277537/7]  
p0234 A78-27780
- SOBEL, B. E.  
Myocardial contracture and accumulation of mitochondrial calcium in ischemic rabbit heart  
p0055 A78-19145
- SOBICK, V.  
Responses of roots to simulated weightlessness on the fast rotating klinostat  
p0268 A78-48667
- SOBOLEV, V. I.  
Quantitative evaluation of thyroid secretion in the white rat during cold adaptation  
p0100 A78-26609  
Heat production in isolated skeletal muscles from albino rats adapting to cold  
p0238 A78-44218
- SOEDE, M.  
Effect of alcohol and distraction task on the behavior of a person riding a bicycle simulator  
p0068 A78-15703
- SOINAJARVI, J.  
Lipid metabolism during exercise. I - Physiological and biochemical characterization of normal healthy male subjects in relation to their physical fitness  
p0292 A78-51300
- SOKOLINSKAIA, R. A.  
Influence of vestibular stimuli on adrenergic and cholinergic activity of blood  
p0071 A78-21177
- SOKOLOV, Y. I.  
Some clinical aspects of prolonged clinostatic hypokinesia  
[NASA-TM-75114]  
p0224 A78-26725
- SOLEDOVNIK, F. A.  
Human physiological responses during swinging with periodic rotations  
p0072 A78-21182
- SOLIHAN, K. F. A.  
Regulation of the adrenal cortex function during stress  
[NASA-CR-157397]  
p0276 A78-30808
- SOLIS, A. M.  
Studies with the USP/NASA toxicity screening test method - Oxygen concentrations with various test conditions  
p0081 A78-22496
- SOLODOVNIK, F. A.  
Experimental study of some aspects of motion sickness pathology  
p0160 A78-35900
- Otolith system function in cosmonauts following space missions  
p0117 A78-18736
- SOLOGUB, B. S.  
Some features of the bioelectric activity of the muscles with prolonged hypokinesia  
[NASA-TM-75116]  
p0225 A78-26727
- SONNERVILLE, G. P.  
Visual target acquisition and tracking performance using a helmet-mounted sight  
p0139 A78-31840
- SONDERFELD, A. T.  
The influence of the journey's time of day on the de- and resynchronization of the 24-hour rhythm of body and temperature after transatlantic flights  
[ESA-TT-420]  
p0113 A78-18708
- SONDHAUS, C. A.  
Cosmic radiation exposure in subsonic air transport  
p0140 A78-31845
- SOROKIN, A. P.  
Quantitative systems analysis of various regimes of intense muscular loading  
p0292 A78-51320
- SOROKIN, A. V.  
Variation of the corticosteroid composition of the urine under the action of simulated orthostatic stressing under high-g conditions  
p0073 A78-21373
- SOTTIAUX, B.  
Diagnostic value of history and maximal exercise electrocardiography in men and women suspected of coronary heart disease  
p0027 A78-15160
- SOUDER, M. E.  
Effects of increased ambient CO2 on brain tissue oxygenation and performance in the hypoxic rhesus  
p0242 A78-46413
- SOULATGES, D.  
Validation of a model of a human pilot  
p0036 A78-16623  
Validation of a model of a human pilot  
p0245 A78-28050
- SOULE, R. G.  
Underclothing and its physiological effects in a hot-dry environment  
[AD-A050540]  
p0182 A78-22725
- SOUTENDAN, J.  
Instruments and methodology for the assessment of physiological cost of performance of stressful continuous operations: The air traffic services tower environment  
p0287 A78-31752
- SOUZA, K. A.  
Degradation of biochemical activity in soil sterilized by dry heat and gamma radiation  
p0303 A78-53874
- SPADY, A. A., JR.  
Airline pilot scanning behavior during approaches and landing in a Boeing 737 simulator  
p0054 A78-18798
- SPALDING, J. F.  
Late biological effects of ionizing radiation as influenced by dose, dose rate, age at exposure, and genetic sensitivity to neoplastic transformation  
[LA-UR-72-681]  
p0283 A78-31724
- SPARVIERI, F.  
A contribution to the study of mental confabulation and a general hypothesis on the functioning of logical and critical processes  
p0019 A78-13508
- Perceptual and intellectual activities in tachistoscopic vision - Comparisons with the same activities during normal conditions, and theoretical considerations  
p0020 A78-13509
- SPECKHARD, M. E.  
Altitude decompression sickness: Review of concepts in primary care  
[AD-A050849]  
p0253 A78-29737
- SPERANDIO, J.-C.  
The regulation of working methods as a function of work-load among air traffic controllers  
p0159 A78-35854
- SPICUZZA, R. J.  
Visually evoked brain potentials as aids in display design

- [AD-A043853] p0008 W78-10707
- SPODICE, D. H.**  
Postural effects on the noninvasive baselines of ventricular performance p0055 A78-19131
- SPURLOCK, J. H.**  
Technology requirements for closed-ecology life support systems applicable to space habitats [AAS 77-273] p0195 A78-36724  
Technology requirements for non-terrestrial ecosystems p0268 A78-48666
- STACKHOUSE, S. P.**  
Inflight measurement of pilot workload - A panel discussion p0161 A78-36158
- STADOLNIK, V. E.**  
Effect of heliogeophysical factors on the evolution of infectious diseases of man p0163 W78-22569
- STAFEROV, V. A.**  
Tetrapolar rheography used to evaluate the circulatory system p0120 W78-18754
- STALLCUP, W.**  
Alterations in the surface properties of cells responsive to nerve growth factor p0217 A78-42459
- STALWAKER, R. L.**  
Validation studies for head impact injury model [PB-272285/8] p0063 W78-14790  
Safety helmet-head interaction study using high-speed cineradiography [PB-277289] p0209 W78-25772
- STANBERJOHN, B. J.**  
Evaluation of an electrochemical detector for trace concentrations of hydrazine compounds in air [AD-A054636] p0250 W78-28811
- STANNERS, R. B.**  
Human factors and aerodrome air traffic control /Revised edition/ p0199 A78-38981  
Human factors in airfield air traffic control p0240 A78-45950
- STANPAR, A.**  
Biological significance of some metals as air pollutants. Part 2: Mercury [PB-279670/4] p0277 W78-30814
- STARCHEVSKO, S. N.**  
Experimental substantiation of maximum permissible concentrations of acetone and acetaldehyde in reclaimed potable water p0185 W78-23722
- STARK, L.**  
Binocular eye movements during accommodative vergence p0211 A78-40579
- STARR, G. P.**  
A comparison of control modes for time delayed remote manipulation p0285 W78-31737
- STAVE, A. M.**  
The effects of cockpit environment on long-term pilot performance p0003 A78-12450
- STAVENGA, D. G.**  
Information capacity of eyes p0025 A78-14413
- STRAHDZEL, L. L.**  
Medical support of the immediate postflight period following long space missions p0118 W78-18741
- STEFANOTOS, G.**  
Mental rotation under head tilt - Factors influencing the location of the subjective reference frame p0299 A78-53084
- STEGEMANN, J.**  
Circulatory, renal and endocrine reactions on simulated weightlessness dependent on physical fitness state p0170 W78-22629
- STEINBACH, M. J.**  
Nonadditivity of vergence and saccadic eye movement p0221 A78-43184
- STEINBRUEGGE, J. H.**  
Adaptation to delayed auditory feedback in temporal synchronization tasks as evidence for a feedback control process in human timing
- STEININGER, K.**  
Problems and prospects for aviation psychology p0007 W78-10699  
Activities of the Department of Aviation Psychology concerning the consultancy contract with the Deutsche Lufthansa AG [DLR-IB-355-75/01] p0050 A78-18501  
Human factors in flight safety [DLR-IB-355-75/02] p0013 W78-11698  
Research activities of the DFVLR Department of Aviation Psychology concerning the consultancy contract of the Deutsche Lufthansa AG [DLR-IB-355-76/01] p0016 W78-11722  
Subjective ratings of flying qualities and pilot workload in the operation of a short haul jet transport aircraft p0045 W78-13741  
p0091 W78-16631
- STEINHAUS, R. H.**  
Velocity matching during smooth pursuit of different targets on different backgrounds p0212 A78-40584  
The effect of luminance on human smooth pursuit of perifoveal and foveal targets p0295 A78-51952
- STENGEL, R. F.**  
Prediction of pilot-aircraft stability boundaries and performance contours p0195 A78-37129
- STENZEL, K. H.**  
Separation of lymphocytes by electrophoresis under terrestrial conditions and at zero gravity, phase 3 [NASA-CR-151702] p0148 W78-21753
- STEPANISHEVA, R. A.**  
A mathematical model of anaerobic energy metabolism for evaluating the mechanisms of oxygen debt formation p0105 A78-27713
- STEPANOV, B. I.**  
Regulation of the functional activity of human cells by means of laser radiation p0071 A78-20822
- STEPANOVA, S. I.**  
The organization of work and rest for Soyuz crew members p0193 A78-36633
- STEPHENS, D. G.**  
Ride quality criteria p0158 A78-35664
- STERLICKOV, A. V.**  
A method of recording heat parameters of divers during work p0280 W78-31703
- STERNHEIM, C. E.**  
Selective chromatic adaptation at different spatial frequencies p0211 A78-40576
- STEWART, P. C.**  
Morphogenetic responses of cultured totipotent cells of carrot /Daucus carota var. carota/ at zero gravity p0135 A78-30296  
Is gravity a morphological determinant in plants at the cellular level p0269 A78-48699
- STEWART, J. H.**  
Development and evaluation of heat transfer equations for a model of clothed man [AD-A050542] p0180 W78-22707  
Development and evaluation of heat transfer equations for a model of clothed man p0182 W78-22722
- STICKLAND, A. C.**  
Life sciences and space research IV; Proceedings of the Open Meeting of the Working Group on Space Biology, Philadelphia, Pa., June 8-19, 1976 p0027 A78-15177
- STIBLING, J. L.**  
Effects of exercise, altitude, and food on blood hormone and metabolite levels p0296 A78-52538
- STJERNSCHANTZ, J.**  
Heterophoria - Its influence on stereopsis and the importance of cycloplegia in refraction testing of pilot applicants p0158 A78-35113
- STJOHN, R. H.**  
Walking boot assembly

- [NASA-CASE-ARC-11101-1] p0096 N78-17675
- STLOHANT, S. J.** p0287 N78-31756  
 Biomagnetism: A review  
 [SLAC-PUB-1984] p0224 N78-26719
- STOCK, M. J.**  
 Effect of altitude on dietary-induced  
 thermogenesis at rest and during light exercise  
 in man p0296 A78-52537  
 Effects of exercise, altitude, and food on blood  
 hormone and metabolite levels p0296 A78-52538
- STOCKHAM, T. G., JR.**  
 Sensory information processing  
 [AD-A047200] p0089 N78-16618
- STOCKWELL, C. W.**  
 Biped stability considerations with vestibular  
 models p0083 A78-23882
- STOFAN, P. E.**  
 Phytoplankton sampling in quantitative baseline  
 and monitoring programs [PB-279644/9] p0252 N78-29733
- STOKES, B. O.**  
 Assessment of free-living nitrogen fixing  
 microorganisms for commercial nitrogen fixation  
 [NASA-CR-157565] p0275 N78-30798
- STOKES, J.**  
 Perception of effort during constant work to  
 self-imposed exhaustion [AD-A051275] p0246 N78-28782
- STOKIC, D.**  
 New control concept of anthropomorphic manipulators  
 p0136 A78-30508
- STOLBKOV, IU. K.**  
 Mechanisms of interaction between receptors of the  
 vestibular system p0266 A78-48522
- STOLL, A. M.**  
 Heat transfer principles in personal protection  
 applications p0292 A78-51222
- STONE, H. L.**  
 Cardiovascular studies in the rhesus monkey  
 p0009 N78-11667
- STONE, L. W.**  
 The assessment of rotary wing aviator precision  
 performance during extended helicopter flights  
 p0090 N78-16625
- STORK, R. L.**  
 Molecular sieve generation of aviator's oxygen:  
 Breathing gas composition as a function of flow,  
 inlet pressure, and cabin altitude [AD-A054240] p0278 N78-30822
- STORN, W. F.**  
 Aircrew fatigue in nonstop, transoceanic tactical  
 deployments p0091 N78-16628
- STRAAT, P.**  
 Evidence for propagation of aerobic bacteria in  
 particles suspended in gaseous atmospheres p0027 A78-15181
- STRAND, T. C.**  
 Automatic detection of alternations in pulmonary  
 venous pressure [LA-OR-77-531] p0044 N78-13732
- STRASSER, H.**  
 Physiological measures of workloads: Correlations  
 between physiological parameters and operational  
 performance p0287 N78-31753
- STREBLIS, K. E.**  
 Adaptation of circulation to exertion p0219 A78-42667
- STREHEL, R. W.**  
 Plasma  $[Na^{+}]$ ,  $[Ca^{++}]$ , and volume shifts and  
 thermoregulation during exercise in man p0053 A78-18573
- STREMPER, H.**  
 Adaptive modifications of cold pain. II -  
 Long-term experiments with 24-hour intervals  
 p0102 A78-26744
- STRIBLEY, R. F.**  
 Physiological and psychological effects of heat  
 stress simulating cockpit conditions p0160 A78-36153
- STRIB, M. I.**  
 The human operator simulator: Workload estimation  
 using a simulated secondary task
- STROHN, M. P.**  
 The metabolism of carbohydrates by extremely  
 halophilic bacteria - The identification of  
 lactobionic acid as a product of lactose  
 metabolism by Halobacterium saccharovorum  
 p0301 A78-53619
- STRONEYER, C. F., III**  
 Selective chromatic adaptation at different  
 spatial frequencies p0211 A78-40576
- STRONG, A. A.**  
 Human exposure system for controlled ozone  
 atmospheres [PB-276618/6] p0180 N78-22710
- STROUD, N. P.**  
 Noninvasive recording of electrical activity in  
 the P<sub>1</sub> segment in man p0136 A78-30724
- STROZZI, C.**  
 The kinetocardiogram during the isoproterenol test  
 for the assessment of coronary heart disease  
 p0055 A78-19130
- STRZYZHOVSKIY, A. D.**  
 Proliferation of bone marrow cells under the  
 influence of superhigh intensity steady magnetic  
 fields p0281 N78-31707
- STUBBS, L.**  
 Illumination-dependent changes in the intrinsic  
 fluorescence of bacteriorhodopsin p0267 A78-48578
- STUPPEL, M.**  
 Hypoxia survival variations in male and female  
 mice as functions of chronological and  
 environmental factors p0265 A78-48082
- STUPNITSKII, V. P.**  
 Operator activity in a state of continuous  
 wakefulness p0262 A78-47969
- SUDAKOV, K. V.**  
 Prospects for developing a theory of a functional  
 system p0135 A78-30395
- SUDOH, M.**  
 Quantitative systems analysis of various regimes  
 of intense muscular loading p0292 A78-51320
- SUDOH, M.**  
 Microbiological study of bioecological system. I  
 Changes of closely related enzymes and minerals to  
 neuro-muscular systems of albino rats, during  
 prolonged exposure to simulated hypogravics  
 p0258 A78-47111  
 p0268 A78-48645
- SUPPERN, J. S.**  
 Temperature influences on growth of aquatic  
 organisms [CONF-770516-9] p0122 N78-19744
- SUGGS, C. W.**  
 Hand-arm vibration. III - A distributed parameter  
 dynamic model of the human hand-arm system  
 p0153 A78-32781
- SUGINOTO, S.**  
 Method of animal training for biosatellite  
 p0258 A78-47110
- SUGITA, Y.**  
 Microbiological study of bioecological system. I  
 p0258 A78-47111
- SUKHANOVA, N. V.**  
 Rhythms of heart contractions in different stages  
 of sleep and during wakefulness p0218 A78-42659
- SULIMO-SANUYLLO, Z. K.**  
 Defense reactions of the organism while breathing  
 high concentrations of carbon dioxide p0117 N78-18734
- SULLIVAN, M. J.**  
 The effect of stimulus size on human cyclofusional  
 response p0212 A78-40581
- SULZMAN, F. M.**  
 Environmental synchronizers of squirrel monkey  
 circadian rhythms p0033 A78-15520
- SULZMAN, F. M.**  
 Thermoregulation is impaired in an environment  
 without circadian time cues p0084 A78-24818

- Comparison of synchronization of primate circadian rhythms by light and food p0134 A78-29640
- Circadian rhythm dissociation in an environment with conflicting temporal information p0299 A78-52699
- SUNDERMAN, P. W., JR.  
Toxicology and metabolism of nickel compounds [COO-3140-36] p0225 A78-26728
- SUNG, W. P.  
Volume-restricted freezing of living cells and tissues [ORNL/MT-265] p0313 A78-33705
- SURI, N. L.  
Changes in EEG pattern during acclimatization to high altitude /3500 m/ in man p0241 A78-46409
- SUROV, E. N.  
The electrocardiogram and cardiac rhythm in healthy young persons p0217 A78-42654
- SORWIT, B. S.  
Biofeedback and self-regulation in essential hypertension [AD-A046774] p0066 A78-15687
- SUSHANO, A.  
Mechanisms of hypercapnic pulmonary hypertension p0004 A78-12525
- SUTORBIN, V. A.  
Visual-motor coordination in the simulation of 10-day reduced gravity p0263 A78-47976
- SUTTY, G. J.  
Depth perception and motion cues via textured scenes [AIAA 78-1577] p0290 A78-50658
- SUZUKI, M.  
Some findings on the inner ear after experimental obliteration of the endolymphatic duct and sac of guinea pigs p0300 A78-53396
- SVIRIDZHEV, Y. M.  
Investigation of possibility of using lower body negative pressure test for screening cosmonaut candidates p0305 A78-32674
- SWAIN, A. D.  
Human reliability analysis of dependent events [SAND-77-1396C] p0233 A78-27771
- SWAN, H. J. C.  
Noninvasive analysis of regional myocardial wall motion Cardiokymography p0055 A78-19147
- SWARCOOP, R.  
Analysis of responses of cold pressor tests on pilots and executives [NASA-CR-143847] p0006 A78-10693
- An analysis of flight data from aircraft landings with and without the aid of a painted diamond on the same runway [NASA-CR-143849] p0067 A78-15692
- SWARTZ, P. F.  
Micro-fluid exchange coupling apparatus [NASA-CASE-ARC-11114-1] p0315 A78-33717
- SWENTZEL, K. C.  
Toxicological evaluation of Pyrethrins Fogging Concentrate (trade name) study No. 51-1309-78 [AD-A055088] p0282 A78-31715
- SWETS, J. A.  
Repeated observation of an uncertain signal p0156 A78-34679
- Signal detection and identification at successive stages of observation p0156 A78-34680
- SWETS, J. B.  
Signal detection and identification at successive stages of observation p0156 A78-34680
- SWICORD, M. L.  
Broadband measurements of dielectric properties p0167 A78-22598
- SWINEY, J. P.  
Behavioral and physiological correlates of varying noise environments: Annotated bibliography [PB-267565/0] p0007 A78-10698
- Behavioral and physiological correlates of varying noise environments [PB-271713/0] p0046 A78-13745
- SWINERTON, J. W.  
Algae, ultraviolet light, and the production of trace gases [AD-A049441] p0148 A78-21748
- SYCHEVA, T. M.  
Some problems in assessing oculomotor activity during information retrieval p0150 A78-21763
- SYCHKOV, N. A.  
Methods of irradiating biological objects and results of dosimetry onboard the Kosmos-690 satellite p0306 A78-32680
- SYROVESHIN, A. V.  
Investigation of the effect of electrical pain stimulation of the skin on the reflex excitation of human alpha-motoneurons p0052 A78-18538
- STRYKH, G. D.  
Main results of medical research conducted during the flight of two crews on the Salyut-5 orbital station p0110 A78-18684
- Investigation of space perception by the crew of the experimental Soyuz-Apollo mission p0111 A78-18695
- STYNIK, K. I.  
Biological investigations of higher and lower plants aboard Soyuz 19 p0028 A78-15190
- T**
- TABAKOVA, L. A.  
Investigation of the influence of prolonged rotation on radiation lesions p0306 A78-32682
- TABET, E.  
Technical and scientific aspects of sanitary and safety problems in nuclear energy production [ISS-P-76/9] p0113 A78-18706
- TABOADA, J.  
Ocular hazard from UV laser exhibiting self-mode-locking p0159 A78-35801
- Retinal tissue damage induced by single ultrashort 1060 nm laser light pulses p0292 A78-51078
- TACKS, R. B.  
Electrical enhancement of healing in combat injuries to hard and soft tissues [AD-A055531] p0282 A78-31718
- TAGANI, K.  
Evaluating experiments of heat insulation of life raft by dummy and human body p0001 A78-10195
- TAIRBEKOV, M. G.  
Present status of the problem concerning the detection of gravity by plants p0292 A78-50998
- Respiratory activity of mitochondria in corn-root cells, grown under conditions of variable gravity p0293 A78-51394
- Effects of altered gravity on viscosity of cytoplasm and protein content of plant cells p0307 A78-32691
- TAITS, A. B.  
Phase structure of the diastole of trained heart p0218 A78-42656
- TAIVAN, I. L.  
Pathways participating in conducting osteoreceptive signals to the Deiters vestibular nucleus p0197 A78-37856
- TAKADA, K.  
Impedance cardiography for estimating cardiac output during submaximal and maximal work p0297 A78-52544
- TAKAGI, K.  
The effect of sound duration on annoyance p0294 A78-51841
- TAKAGI, S.  
Effects of partial body weightlessness on the vestibulo-ocular reflex in man p0258 A78-47112
- TAKAHOTO, T.  
X-ray photogrammetric analysis of skeletal spatial motions p0061 A78-14775
- TAKATA, A. N.  
Predictions of thermal transients and thermal

- damage resulting from laser irradiation of tissue  
p0199 A78-38787
- Thermal model of laser-induced skin damage:  
Computer program operator's manual  
[AD-A053416] p0253 N78-29738
- Laser-induced thermal damage of skin  
[AD-A054612] p0276 N78-30810
- TAKESHITA, A.**  
Influence of central venous pressure upon sinus  
node responses to arterial baroreflex  
stimulation in man  
[NASA-CR-155783] p0109 N78-18678
- TAKESUCHI, T.**  
Impedance cardiography for estimating cardiac  
output during submaximal and maximal work  
p0297 A78-52544
- TAM, H. S. W.**  
Sweating response: A means of evaluating the  
set-point theory during exercise p0005 N78-10687
- TANAKA, M.**  
Metabolic and thermal responses of men wearing  
cold-protective clothing to various degrees of  
cold stress p0272 A78-49298
- TANEVA, G. V.**  
Influence of local decompression on serum sodium  
and potassium contents in athletes during  
exercise on a wrist ergograph p0129 A78-28493
- TANENGOLOTS, L. I.**  
Some mechanisms of visual masking p0197 A78-37747
- TANFORD, C.**  
The hydrophobic effect and the organization of  
living matter p0195 A78-36773
- TANIS, D. C.**  
Continuing studies of noise and cardiovascular  
function p0240 A78-45510
- TANISHITA, K.**  
Gas transport in artificial lungs: Limitations  
and improvements p0005 N78-10688
- TANNER, J. E., JR.**  
Self diffusion in cells and tissues  
[AD-A053422] p0251 N78-29727
- TANNER, P. H.**  
Simulation of the docking manoeuvre p0141 A78-32225
- TANSLEY, B. W.**  
Psychophysical studies of the contribution of  
chromatic mechanisms to the visual perception of  
borders 3 p0041 N78-12667
- TARABUKIN, V. I.**  
Mathematical modeling of arterial pressure  
transient processes during the action of  
vasoactive substances p0214 A78-41014
- TARADASH, H. R.**  
Thallium-201 myocardial perfusion scintigraphy for  
the clinical clarification of normal, abnormal  
and equivocal electrocardiographic stress tests  
p0073 A78-21450
- TARASOV, I. K.**  
Features of statokinetic reactions p0194 A78-36635  
Investigation of space perception by the crew of  
the experimental Soyuz-Apollo mission p0111 N78-18695
- TARKO, A. H.**  
Cardiovascular reactions to orthostatic tests and  
human resistance to vestibular stimuli p0115 N78-18724
- TARNOPOLSKY, A.**  
Effects of aircraft noise on mental health p0240 A78-45507
- TASHMATOV, I. IU.**  
Characteristics of electrical parameters of human  
skin during adaptation to high-altitude conditions  
p0213 A78-41013
- TAYLOR, B. F.**  
Sulfate reduction and methanogenesis in marine  
sediments p0081 A78-23474
- TAYLOR, G. E.**  
Medically important micro-organisms recovered from  
Apollo-Soyuz Test Project /ASTP/ crew members  
p0030 A78-15200
- Growth-rate periodicity of *Streptomyces levoris*  
during space flight p0031 A78-15213
- Zone-forming fungi: Experiment MA-147 p0092 N78-17102
- Microbial exchange: Experiment AR-002 p0092 N78-17103
- Methods for microbiological and immunological  
studies of space flight crews  
[NASA-TM-58185] p0251 N78-29725
- TAYLOR, L. E.**  
Sleep wakefulness determinations from heart rate  
data, volume 3  
[AD-A045817] p0113 N78-18703
- TAYLOR, R. E.**  
Method and apparatus for continuous measurement of  
bacterial content of aqueous samples  
[NASA-CASE-MSC-16779-1] p0165 N78-22586  
Method and automated apparatus for detecting  
coliform organisms  
[NASA-CASE-MSC-16777-1] p0165 N78-22588  
Water quality monitoring system  
[NASA-CASE-MSC-16778-1] p0165 N78-22589
- TAYLOR, R. H.**  
Human engineering evaluation of a man-machine  
system for system optimization-illustrated by a  
cockpit evaluation  
[RAE-LIB-TRANS-1952] p0226 N78-26742
- TAYLOR, T. J.**  
Acrylonitrile  
[PB-280478/9] p0310 N78-32713
- TAYLOR, W.**  
Proceedings of the international occupational  
hand-arm vibration conference  
[DHEW/PUB/NIOSH-77/170] p0205 N78-24799
- TAYLOR, W. D.**  
Distribution of phytoplankton in Tennessee lakes  
[PB-280139/7] p0276 N78-30803  
Distribution of phytoplankton in Ohio lakes  
[PB-280140/5] p0276 N78-30804
- TAYS, H. A.**  
Preliminary analysis of available inflight  
respiratory data  
[AD-A050241] p0278 N78-30823
- TAZETDINOV, I. G.**  
Cardiovascular reactions to orthostatic tests and  
human resistance to vestibular stimuli p0115 N78-18724
- ZEICHNER, W. H.**  
Color research for visual displays  
[AD-A043609] p0013 N78-11697  
Input, output, and response blocking in immediate  
recall  
[AD-A050302] p0147 N78-20771
- TEITELBAUM, H.**  
Persistence of lateral hypothalamic-mediated  
behaviors after a supralethal dose of ionizing  
radiation p0214 A78-41159
- TELTSOV, H. V.**  
Radiation protection for Soyuz crews p0193 A78-36631  
Measurement of radiation doses in the Soyuz-16  
spacecraft p0117 N78-18732
- TEMPLETON, T. K.**  
Buffet simulation for advanced simulator for pilot  
training ASPT  
[AD-A040550] p0096 N78-17673
- TEHURYANTS, W. A.**  
An experimental study of the ultralow-frequency  
electromagnetic fields on warm-blooded animals  
and microorganisms p0164 N78-22580
- TEN HOOPEN, H.**  
Second-order correlation functions and bi-spectra  
in biological-rhythm research p0004 A78-12601
- TERELAK, J.**  
Sensory deprivation as a problem of prolonged  
space flights p0259 A78-47484  
Sensory deprivation and social isolation as  
problems of space psychology - Interpretation of  
Antarctic and laboratory data p0294 A78-51887

## PERSONAL AUTHOR INDEX

TIMOFEEVA, A. N.

- TERRANOVA, T.**  
Synthesis and biological screening of novel hybrid fluorocarbon hydrocarbon compounds for use as artificial blood substitutes  
[NASA-CR-155781] p0112 N78-18702
- TESKE, J.**  
The false positive stress test - Multivariate analysis of 215 subjects with hemodynamic, angiographic and clinical data p0026 A78-14646
- TETEFORT, A.**  
Effects of X-rays on the rat retina and on rhodopsin p0172 N78-22644
- TEWARI, S. C.**  
Electrical impedance cardiogram in derivation of systolic time intervals p0154 A78-34082
- THABAUT, A.**  
The influence of tobacco from a medical standpoint on French pilots - p0094 N78-17660
- THACKRAY, R. I.**  
Comparison of the vigilance performance of men and women using a simulated radar task p0298 A78-52642  
The effect of increased monitoring load on vigilance performance using a simulated radar display [AD-A044558] p0041 N78-12669  
A comparison of the vigilance performance of men and women using a simulated radar task [AD-A053674] p0232 N78-27769
- THEIS, C. F.**  
Molecular sieve generation of aviator's oxygen: Breathing gas composition as a function of flow, inlet pressure, and cabin altitude [AD-A054240] p0278 N78-30822
- THEVES, B.**  
Penetration of external thermal perturbations into homeothermic organisms. I, II p0138 A78-31768  
Heat loss from the skin surface of the human body - Deductions from a symmetry of constant mean surface curvature p0201 A78-39748
- THIROPF, E. G.**  
Experiment requirements: Vitamin D metabolites and bone demineralization, Spacelab 2, experiment no. 1 [NASA-TN-79423] p0145 N78-20757
- THOMAS, A. A.**  
Occupational hazards of missile operations with special regard to the hydrazine propellants p0140 A78-31843
- THOMAS, C.**  
A special photoproduct in DNA, UV-irradiated in vacuo p0268 A78-48623
- THOMAS, D. J.**  
Dynamic response of human and primate head and neck to lateral Gy impact statement [PB-275448/9] p0146 N78-20770
- THOMAS, R. E., JR.**  
Precordial T wave vectors in the detection of coronary heart disease - The Framingham study p0017 A78-13147
- THOMAS, R. R.**  
Method and apparatus for eliminating luminol interference material [NASA-CASE-MSC-16260-1] p0109 N78-18674  
Rapid, quantitative determination of bacteria in water [NASA-CASE-GSC-12158-1] p0165 N78-22585  
Method and apparatus for continuous measurement of bacterial content of aqueous samples [NASA-CASE-MSC-16779-1] p0165 N78-22586  
Research and development of a luminol-carbon monoxide flow system [NASA-CR-156832] p0305 N78-32671  
Biological water quality monitoring using chemiluminescent and bioluminescent techniques [NASA-CR-156830] p0313 N78-33702
- THOMAS, T. R.**  
Patty acid profile and cholesterol in skeletal muscle of trained and untrained men p0050 A78-18083
- THOMPSON, G. W.**  
Annotated bibliography on biological effects of metals in aquatic environments, 3d [PB-280953/1] p0311 N78-32715
- THOMPSON, J. R.**  
Relationship between plasma lipid concentrations and coronary artery disease in 496 patients p0027 A78-15161
- THOMPSON, R. B.**  
Biodynamic finite element models used in brain injury research p0074 A78-21705
- THORNTON, J. I.**  
Effects of high ambient temperature on sleep in young men p0214 A78-41158
- THORPE, R. W.**  
Research in support of joint Army-Navy air crew impact injury prevention program [AD-A053437] p0233 N78-27775
- TIBANOV, A. P.**  
Provisions for radiation safety of the crew of the 'second' expedition on Salyut-4 p0124 N78-19758
- TIERJEN, G. L.**  
Late biological effects of ionizing radiation as influenced by dose, dose rate, age at exposure, and genetic sensitivity to neoplastic transformation [LA-UR-78-681] p0283 N78-31724
- TIGGES, J.**  
Complementary laminar terminations of afferents to area 17 originating in area 18 and in the lateral geniculate nucleus in squirrel monkey p0219 A78-42822
- TIGGES, M.**  
Complementary laminar terminations of afferents to area 17 originating in area 18 and in the lateral geniculate nucleus in squirrel monkey p0219 A78-42822
- TIGRANIAN, R. A.**  
Exchange-endocrine processes p0194 A78-36637  
Preliminary results of medicobiological studies performed during Soyuz-19 and Apollo flights p0194 A78-36642  
Peculiar characteristics of crewmembers' metabolism on the second expedition aboard orbital station Salyut-4 p0265 A78-48080
- TIGRANYAN, R. A.**  
Experimental and general theoretical research p0115 N78-18717  
DNA status in rat liver and spleen following flight on Kosmos-605 satellite p0118 N78-18742  
Blood plasma corticosterone in rats after flight in Kosmos-690 biosatellite p0177 N78-22684
- TIKHONIROV, I. B.**  
Tetrapolar rheography used to evaluate the circulatory system p0120 N78-18754
- TIKHONOV, M. A.**  
Mechanics of speech-related respiration while performing static physical exercise p0116 N78-18726  
Some problems of pathogenesis of respiratory disorders occurring at +G sub z accelerations combined with breathing pure oxygen p0184 N78-23714
- TILTON, H. B.**  
Scotopic luminosity function and color-mixture data p0035 A78-16081
- TINAKOV, V. D.**  
Genetics of microorganisms and medicine p0280 N78-31698
- TINBAL, J.**  
A technique of rapid acclimatization of humans to cold p0132 A78-29297  
Prediction of hypothermia in humans as a function of morphological characteristics and of environmental conditions p0132 A78-29298
- TINNERS, H.**  
ACTH 4-10 and adaptive learning [IZP-1977-13] p0226 N78-26736
- TIMOFEEVA, A. N.**  
Possibility of voluntary regulation of the heart rate p0218 A78-42657

- TISHCHENKOV, V. G.**  
Biological effect of a weak low-frequency pulsed electromagnetic field  
p0138 A78-31473
- TITOVA, L. K.**  
Structural and functional organization of the vestibular apparatus in rats subjected to weightlessness for 19.5 days aboard the Kosmos-782 satellite  
[NASA-TM-75529]  
p0223 A78-26717
- TIUREKANOVA, N. E.**  
Resistance of the myocardium to loads under high-altitude conditions  
p0218 A78-42658
- TIWARI, S. C.**  
Alterations in left ventricular function in normal man on exposure to high altitude /3658 m/  
p0155 A78-34083
- TIZUL, A. Y.**  
Clinical aspects of changes in the nervous system in the course of 49-day antiorthostatic hypokinesia  
p0175 A78-22673  
Studies of reactivity of the organism using some pharmacological tests  
p0184 A78-23711  
Some clinical aspects of prolonged clinostatic hypokinesia  
[NASA-TM-75114]  
p0224 A78-26725
- TKACHENKO, B. I.**  
Variation of the reactivity of resistive and capacitive organ vessels during adaptation to highland conditions  
p0219 A78-42666
- TKACHENKO, E. IA.**  
Oxygen consumption and some indicators of external respiration during cold adaptation  
p0072 A78-21180
- TOBIAS, C. A.**  
Apollo-Soyuz light-flash observations  
p0029 A78-15191  
Biological effects of high-LET particles on corn-seed embryos in the Apollo-Soyuz test project - Biostack III experiment  
p0029 A78-15193  
Response of cultured mammalian cells to accelerated krypton particles  
p0029 A78-15196  
Effects of radiation upon the light-sensing elements of the retina as characterized by scanning electron microscopy  
p0029 A78-15197  
Light flash observations: Experiment MA-106  
p0091 A78-17100
- TODOROV, B. N.**  
Studies on adenine acid-soluble nucleotides content in the liver of gamma-irradiated chicken embryos  
p0266 A78-48442
- TOKAREV, IU. N.**  
Hematological investigations  
p0194 A78-36638
- TOKAREVA, N. V.**  
Sudden death from cardiovascular diseases and solar activity  
p0164 A78-22576
- TOKUTONE, S.**  
Evaluating experiments of heat insulation of life raft by dummy and human body  
p0001 A78-10195
- TOLAN, G. D.**  
Ten-year experience with abnormal EEGs in asymptomatic adult males  
p0158 A78-35112
- TOLER, J.**  
RF dielectric properties measurement system: Human and animal data  
[PB-274776/4]  
p0114 A78-18711
- TOHITA, H.**  
Evaluating experiments of heat insulation of life raft by dummy and human body  
p0001 A78-10195
- TOLINSON, G. A.**  
The metabolism of carbohydrates by extremely halophilic bacteria - The identification of lactobionic acid as a product of lactose metabolism by Halobacterium saccharovorans  
p0301 A78-53619
- TOMOV, T.**  
Ventilation and ergometric indices in young individuals afflicted with hypogonadism  
p0103 A78-27100
- TOWER, H.**  
Metabolic and cardiovascular adjustment to arm training  
p0236 A78-43791
- TORBATI, D.**  
Blood flow in rat brain during exposure to high oxygen pressure  
p0241 A78-46408
- TORNABENE, T. G.**  
Phytanyl-glycerol ethers and squalenes in the archaeobacterium Methanobacterium thermoautotrophicum  
p0260 A78-47892
- TORONTO, A.**  
Synthesis and biological screening of novel hybrid fluorocarbon hydrocarbon compounds for use as artificial blood substitutes  
[NASA-CR-155781]  
p0112 A78-18702
- TOSCANO, B. W.**  
Learned control of multiple autonomic responses to compensate for the debilitating effects of motion sickness  
p0047 A78-17220  
Psychosomatic health: Simultaneous control of multiple autonomic responses by humans - A training method  
p0047 A78-17221  
A theory on the evolutionary significance of psychosomatic disease  
p0047 A78-17222
- TOSHIMA, H.**  
Correlations between electrocardiographic, vectorcardiographic, and echocardiographic findings in patients with left ventricular overload  
p0017 A78-13146
- TOTSIIY, V. N.**  
On the possible role of lysosomal proteinases in the biological effects of accelerations  
p0307 A78-32685
- TOUCHSTONE, R. H.**  
Comparison of the vigilance performance of men and women using a simulated radar task  
p0298 A78-52642  
The effect of increased monitoring load on vigilance performance using a simulated radar display  
[AD-A048558]  
p0041 A78-12669  
A comparison of the vigilance performance of men and women using a simulated radar task  
[AD-A053674]  
p0232 A78-27769
- TOUPANCE, G.**  
Far UV irradiation of model prebiotic atmospheres  
p0056 A78-19367
- TOUPET, M.**  
Responses of the frog to angular accelerations in weightlessness  
p0171 A78-22640
- TOWLE, V. L.**  
An objective indicant of binocular vision in humans - Size-specific interocular suppression of visual evoked potentials  
p0055 A78-19224
- TOWNSEND, T. H.**  
Speech intelligibility through communication headsets for general aviation  
p0133 A78-29557
- TRAILL, T. A.**  
Study of left ventricular wall thickness and dimension changes using echocardiography  
p0137 A78-30725
- TRAKOVSKAYA, E. D.**  
Significance of supraspinal mechanisms in adaptive responses of the cardiovascular system during postural change  
p0218 A78-42661
- TRAN, H.**  
Biological effects of high-LET particles on corn-seed embryos in the Apollo-Soyuz test project - Biostack III experiment  
p0029 A78-15193
- TRAYNOR, J. J.**  
The helmet protects the aviator's head - or does it  
[AD-A048574]  
p0121 A78-18766



- TRIEBwasser, J. H.**  
A prototype system for automated interpretation of  
vectorcardiograms p0083 A78-23881  
Treatment of hypertension in aviators - A clinical  
trial with Aldactazide p0130 A78-29564
- TRIMMER, D. S.**  
Jet pump assisted arterial heat pipe  
[AIAA 78-443] p0158 A78-35622
- TRINQUET, G.**  
The influence of tobacco from a medical standpoint  
on French pilots p0094 A78-17660
- TRISTANI, F. E.**  
Alterations of postural and Valsalva responses in  
coronary heart disease p0055 A78-19146
- TROFIMOV, V. N.**  
Pilot training and prognosis of  
psychophysiological conditioning of astronauts p0261 A78-47955  
Operator activity in a state of continuous  
wakefulness p0262 A78-47969
- TROFIMOV, Y. L.**  
Some problems in assessing oculomotor activity  
during information retrieval p0150 A78-21763
- TROSHKIN, G. V.**  
Some indices of oxygen exchange and resistance of  
rats to acute hypoxia during posttransfusion  
polycythemia p0302 A78-53788
- TROST, R.**  
Relationship between plasma lipid concentrations  
and coronary artery disease in 496 patients p0027 A78-15161
- TROUT, R. M.**  
Evaluation of seating and restraint systems and  
anthropomorphic dummies conducted during fiscal  
year 1976 [AD-A051691] p0205 A78-24798  
Child restraint systems for civil aircraft  
[AD-A053565] p0233 A78-27774  
Evaluation of seating and restraint systems and  
anthropomorphic dummies conducted during fiscal  
year 1977 [AD-A056905] p0317 A78-33737
- TROUTMAN, S.**  
Controlling human heat content - Method and  
application p0033 A78-15582
- TRUCKENBRODT, A.**  
Control of a flexible manipulator arm p0260 A78-47541
- TRUJILLO, A.**  
Respirator studies for the Nuclear Regulatory  
Commission. Protection Factors for supplied-air  
respirators [LA-7098-PR] p0256 A78-29760
- TRUSH, V. D.**  
Cortical evoked potentials during successive  
visual masking p0197 A78-37748
- TSAI, H. C.**  
Computer simulation of human thoracic skeletal  
response: Abstract summary report [PB-276705/1] p0180 A78-22708  
Computer simulation of human thoracic skeletal  
response-theory, volume 1 [PB-276706/9] p0180 A78-22709
- TSATURIAN, A. K.**  
Mathematical model of the contractile activity and  
the chronotropism of the myocardium p0270 A78-48755  
Modeling of the heart pumping function p0270 A78-48758
- TSIBULSKII, V. L.**  
REM deprivation by stimulation of the reticular  
formation in the rat p0302 A78-53787
- TSIRULIS, T. P.**  
Structural and functional organization of the  
vestibular apparatus in rats subjected to  
weightlessness for 19.5 days aboard the  
Kosmos-782 satellite [NASA-TN-75529] p0223 A78-26717
- TSIVILASEVILI, A. S.**  
Relationship between onset of  
altitude-decompression disorders in man and  
barometric pressure level during intensive  
physical exercise p0120 A78-18758
- TSYGANOVA, N. I.**  
Clinical and biochemical aspects of human  
adaptation to central Antarctica as applied to  
problems of space biology and medicine p0118 A78-18746
- TUBBS, R. L.**  
A temporary threshold shift for self-motion  
detection following sustained, oscillating  
linear acceleration p0216 A78-41810  
Visual-field displacements in human beings evoked  
by acoustical transients p0239 A78-45397
- TUCKER, R. D.**  
Human perception of moderate strength low  
frequency magnetic fields p0062 A78-14782
- TULUNAY-KEESBY, U.**  
Spatial sensitization as a function of delay p0025 A78-14415
- TURCHAVINOVA, V. P.**  
Tetrapolar rheography used to evaluate the  
circulatory system p0120 A78-18754
- TUREK, Z.**  
Blood volume and body haematocrit of rats native  
to a simulated altitude of 3500 m p0215 A78-41214  
Blood gases at several levels of oxygenation in  
rats with a left-shifted blood oxygen  
dissociation curve p0273 A78-50024
- TURKHENOV, M. T.**  
Physical fitness of permanent lowland and highland  
residents p0306 A78-32679
- TURNBILL, C.**  
Cosmic ray effects on the eyes of rats flown on  
Cosmos no. 782, Experiment K-007 p0078 A78-21736
- TURNBULL, D. F.**  
Smooth eye tracking and the perception of motion  
in the absence of real movement p0294 A78-51951
- TURNER, A. F.**  
Automatic detection of alternations in pulmonary  
venous pressure [LA-UR-77-531] p0044 A78-13732
- TURNER, J. M.**  
Time course of the cerebral circulatory response  
to metabolic depression p0082 A78-23648
- TVILDIANI, D. D.**  
Experimentally observed magnetic-field effect on  
electrocardiographic indices p0104 A78-27670

## U

- UDALL, J. A.**  
Predictive implications of ventricular premature  
contractions associated with treadmill stress  
testing p0050 A78-18450
- UDALOV, I. V.**  
Absorptive function of the small intestine during  
administration of the aerovit drug under  
motion-sickness conditions p0160 A78-36124
- UDEZHOV, M. G.**  
Some problems regarding the participation of the  
cerebral cortex in the regulation of the  
cardiovascular system p0199 A78-38754
- UDINTSEV, N. A.**  
Reaction of central and peripheral mediator  
elements of the sympathoadrenal system to single  
exposure to alternating magnetic field p0186 A78-23729
- UDOPA, S. B.**  
Collision detection and avoidance in computer  
controlled manipulators p0150 A78-21766

UENO, T.

PERSONAL AUTHOR INDEX

- UENO, T.  
Temporal summation in human vision - Simple  
reaction time measurements p0082 A78-23849
- UGLOVA, N. N.  
Effect of prolonged hypokinesia on the course of  
acute aseptic inflammation p0119 N78-18747
- UGOLEV, A. N.  
Reaction of the digestive system to the effect of  
spaceflight factors p0194 A78-36639
- UHLARIK, J.  
The role of afterimages in visual spatial  
aftereffects p0037 A78-17096
- UHLICH, E.  
Increased secretion of growth hormone, prolactin,  
antidiuretic hormone, and cortisol induced by  
the stress of motion sickness p0079 A78-21741
- ULBRECHT, G.  
Increased secretion of growth hormone, prolactin,  
antidiuretic hormone, and cortisol induced by  
the stress of motion sickness p0079 A78-21741
- Increased urinary excretion of triiodothyronine  
/T3/ and thyroxine /T4/ and decreased serum  
thyreotropic hormone /TSH/ induced by motion  
sickness p0079 A78-21742
- ULIAITOVSKII, B. V.  
Variation of the corticosteroid composition of the  
urine under the action of simulated orthostatic  
stressing under high-g conditions p0073 A78-21373
- UMBARGER, C. J.  
Advances in human internal radiation counting at  
Los Alamos: Multiple simultaneous in-vivo  
measurements [LA-UR-78-1063] p0315 N78-33721
- UNGAR, G.  
The molecular code of memory p0052 A78-18532
- UNGER, M.  
Potentiation of pulmonary vasoconstrictor response  
with repeated intermittent hypoxia p0050 A78-18078
- UNGUREANU, D.  
The gastrointestinal tract in hypokinetic rats  
p0267 A78-48587
- UNZ, F.  
Research and technology in the health field  
p0050 A78-18514
- UPHAM, F. T.  
Apollo-Soyuz light-flash observations p0029 A78-15191
- Light flash observations: Experiment MA-106  
p0091 N78-17100
- URBANOWSKI, Z.  
Geophysical phononic energy as a source of  
biophysical effects [AD-A051386] p0203 N78-24785
- USACHEV, V. V.  
Physiological responses under the action of  
Coriolis acceleration p0072 A78-21183
- USHAKOV, A. S.  
Peculiar characteristics of crewmembers'  
metabolism on the second expedition aboard  
orbital station Salyut-4 p0265 A78-48080
- Effect of vitamin and amino acid supplements on  
human performance during heavy mental and  
physical work p0298 A78-52638
- Effects of space flights and concomitant radiation  
on amino acid metabolism in rat skeletal muscles  
p0125 N78-19761
- Space biology and medicine p0143 N78-20743
- Dynamics of free amino acid levels in human blood  
plasma during bed rest in head down position  
p0306 N78-32677
- USIK, S. V.  
Metabolic structure of the recovery process  
following various physical stresses p0303 A78-53791

- USKOV, F. N.  
Dependence of the estimation of human state on the  
personal characteristics of the estimator p0023 A78-13599
- Some psychoneurological requirements in assessing  
inflight functional state of cosmonauts p0115 N78-18721
- UTKIN, V. N.  
Parameters of acid-base equilibrium and enzymatic  
activity of blood in man during brief  
antiorthostatic hypokinesia p0110 N78-18687
- UTSUKI, M.  
Quality of pilot landing performance and visual  
information about altitude and distance p0191 A78-36326
- Auditory evoked potentials elicited by tones and  
voice at the alarm signal p0191 A78-36328
- UTTENHOVE, H. J. J.  
Computer implemented grading of flight simulator  
students [AIAA 78-1589] p0291 A78-50665

V

- VAINSHTEIN, G. V.  
Aspects of a systems approach to the analysis of  
the vascular mechanisms of the brain p0270 A78-48759
- VAKAR, M. I.  
Relationship between onset of  
altitude-decompression disorders in man and  
barometric pressure level during intensive  
physical exercise p0120 N78-18758
- VALDMAN, A. V.  
Modulation of autonomic correlates of emotional  
stress and adaptive responses p0242 A78-46453
- VALIC, F.  
Biological significance of some metals as air  
pollutants. Part 2: Mercury [PB-279670/4] p0277 N78-30814
- VALLE, D.  
Laser protective eyewear [AD-A044105] p0042 N78-12673
- VALLERON, A.-J.  
Hypoxia survival variations in male and female  
mice as functions of chronological and  
environmental factors p0265 A78-48082
- VALLOTTON, W. C.  
Mechanical energy storage device for hip  
disarticulation [NASA-CASE-ARC-10916-1] p0005 N78-10686
- VALTHERIS, A. D.  
Respiratory-hemodynamic correlations in  
individuals of different age p0218 A78-42663
- VAN MEETEREN, A.  
Prediction of realistic visual tasks from image  
quality data p0053 A78-18714
- VAN TOI, V.  
Visual stimulator p0299 A78-52704
- VAN VOORHIS, S. T.  
The division of attention and the human auditory  
evoked potential p0105 A78-27748
- VANDENBERG, R. A.  
Effect of gravitational and inertial forces on  
vertical distribution of pulmonary blood flow  
p0161 A78-36154
- VANDER WALL, E. M.  
Storability investigations of water long-term  
storage evaluation [AD-A049189] p0127 N78-19776
- VANDER, A. J.  
Effects of high altitude on plasma concentrations  
of testosterone and pituitary gonadotropins in man  
p0100 A78-26727
- VANDERHEER, C.  
The importance of the Myocardial Depressant Factor  
(MDF) for the occurrence of irreversible shock.  
A literature study [NBL-1977-5] p0253 N78-29743

- VANDEWATER, T. R.**  
The mammalian otocyst in vitro. A model system for experimental pathology on earth and in space  
p0171 N78-22638
- VANHANDEL-HEUSKA, J. H.**  
Avian hemodynamic and homeostatic responses following high environmental temperature acclimation  
p0245 N78-28775
- VANNOSS, C. J.**  
Assessment of pancreas cells  
[NASA-CR-151744]  
p0228 N78-27737
- VANREWSBURG, S. J.**  
Biological testing of water reclaimed from purified sewage effluents  
p0206 N78-25747
- VANTRIET, A.**  
Patient doses resulting from an X-ray recording (belly survey picture). Influence of technical parameters on the dosage  
[JRI-190-77-01]  
p0114 N78-18709
- VAREY, C. A.**  
Some effects of Org. 2766 on various performance tasks  
[IZP-1977-18]  
p0225 N78-26734
- VARGA, A.**  
Research report on the physiological effects of air ions and their significance as environmental factors  
[NASA-TM-75086]  
p0123 N78-19752
- VARGAS, E.**  
Pulmonary gas exchange, diffusing capacity in natives and newcomers at high altitude  
p0302 A78-53711
- VARNA, P.**  
Deuterolysis of amino acid precursors - Evidence for hydrogen cyanide polymers as protein ancestors  
p0024 A78-14127
- VARTBARONOV, R. A.**  
Visual work capacity under the action of overloads and elevated temperature  
p0263 A78-47972
- Human endurance of recurrent +G sub z accelerations  
p0175 N78-22670
- VARTHANIAN, G. A.**  
Problems of memory control in experiments  
p0051 A78-18530
- VAS, R.**  
Noninvasive analysis of regional myocardial wall motion Cardiokymography  
p0055 A78-19147
- VASCHILLO, E. G.**  
Some aspects and achievements of the application of mathematical analysis to cardiac rhythmology  
p0198 A78-38753
- VASILENKO, I. IA.**  
Biological significance of nuclear fission product radionuclides  
p0220 A78-42899
- VASILETS, V. H.**  
Adaptive systems of spacecraft control  
p0263 A78-47975
- VASILEV, V. A.**  
Multichambered self-oscillating models of biological systems with nonspecific inhibition of active transport  
p0213 A78-41009
- VASILEV, V. K.**  
Dynamics of cardiorespiratory system indicators in healthy man during passive orthostatic test  
p0129 A78-28490
- VASILEVA, T. D.**  
Effect of space flights on blood circulation and gas exchange during functional loading  
p0194 A78-36636
- VASILEVSKII, N. V.**  
EEG diagnosis of operators  
p0023 A78-13596
- VASILYEV, P. V.**  
Main results of medical research conducted during the flight of two crews on the Salyut-5 orbital station  
p0110 N78-18684
- Psychopharmacology in aviation and astronautics  
p0114 N78-18716
- Effect of prolonged hypokinesia on the course of acute aseptic inflammation  
p0119 N78-18747
- VASILYVA, T. D.**  
Distinctive features of regional circulation and vasomotor regulation following a two-month space flight  
p0115 N78-18718
- Investigation of possibility of using lower body negative pressure test for screening cosmonaut candidates  
p0305 N78-32674
- VATNER, S. F.**  
Effects of exercise and excitement on mesenteric and renal dynamics in conscious, unrestrained baboons  
p0104 A78-27124
- Extent of utilization of the Frank-Starling mechanism in conscious dogs  
p0154 A78-33522
- VAUGHAN, J. A.**  
Refractive error characteristics of early and advanced-presbyopic individuals  
[AD-A044555/1]  
p0065 N78-15684
- Readability of alphanumeric characters having various contrast levels as a function of age and illumination mode  
[AD-A044554/4]  
p0066 N78-15691
- Aeromedical implications of the X-Chrom lens for improving color vision deficiencies  
[AD-A054794]  
p0310 N78-32708
- VAULINA, E. M.**  
Biological investigations of higher and lower plants aboard Soyuz 19  
p0028 A78-15190
- Biological experiments on the orbital station Salyut 4  
p0030 A78-15207
- The action of space flight factors on radiation effects of additional gamma-irradiation of seeds  
p0268 A78-48611
- Biological investigations on the orbital station 'Salyut-5'  
p0269 A78-48679
- VANTER, D. L.**  
Elasticity of excised dog lung parenchyma  
p0258 A78-47206
- VAZIN, A. N.**  
Quantitative systems analysis of various regimes of intense muscular loading  
p0292 A78-51320
- VEKHOV, A. A.**  
Formation of early earth regolith  
p0289 A78-50277
- VELIKA, R. R.**  
The hypothalamus and the visual system  
p0081 A78-22075
- VENINGA, T.**  
Reinforcement of ozone action in mice by additional environmental compounds  
p0024 A78-14194
- VEPKHVADEZ, G. L.**  
Formation mechanism for rhythmic extended action potentials of peripheral nerves and muscles  
p0104 A78-27668
- VERESHCHAGIN, A. P.**  
Manipulators: Dynamics and algorithms  
p0266 A78-48529
- VERESOTSKAYA, N. A.**  
Effects of space flights and concomitant radiation on amino acid metabolism in rat skeletal muscles  
p0125 N78-19761
- VERIGO, V. V.**  
Main objectives and results of the radiobiological experiment conducted on the Kosmos-690 biosatellite  
p0111 N78-18688
- VERNIKOS-DAWELLIS, J.**  
Hormonal indices of tolerance to +Gz acceleration in female subjects  
p0215 A78-41162
- Serotonin involvement in pituitary-adrenal function  
p0267 A78-48575
- Indomethacin-antihistamine combination for gastric ulceration control  
[NASA-CASE-ARC-11118-1]  
p0012 N78-11692
- VERNIKOV, Y. M.**  
A study of the pulsed method of laundering  
p0111 N78-18692
- VERTES, D.**  
An audiometric and histologic comparison of noise- and drug-induced cochlear pathology in the

- chinchilla  
p0301 A78-53398
- VETTES, B.**  
Evaluating the work load of helicopter pilots.  
In-flight recordings of heart rate and cardiac  
arrhythmia  
p0090 A78-16626
- VIANO, D. C.**  
Prediction of carboxyhemoglobin concentration from  
transient carbon monoxide exposure  
p0018 A78-13273  
Evaluation of biomechanical response and potential  
injury from thoracic impact  
p0073 A78-21704
- VIARD, D.**  
A technique for the visual study of aircraft  
instrument panel utilization by the crew  
p0058 A78-20539  
Investigation of pilot behavior in flight  
/Analysis of Japanese studies/  
p0060 A78-20564  
Choice and analytic techniques involving indices  
of visual information input. I  
p0257 A78-46954
- VIAU, A. T.**  
Beta-receptor influence on lung vasoconstrictor  
responses to hypoxia and humoral agents  
p0049 A78-18077
- VIAZITSKII, P. O.**  
Response of endocrine glands to the directional  
action of impulsive acceleration  
p0072 A78-21372  
Changes in protein metabolism during prolonged  
hypokinesia  
p0154 A78-33467  
Effect of impulse accelerations on the condition  
of the cardiovascular system of healthy people  
p0296 A78-52274
- VIELLEPOND, B.**  
A study of aircraft cabin environment during long  
range flight  
p0057 A78-20537  
Ultrasonic detection by the Doppler effect of  
circulating bubbles in humans and animals in  
altitude  
p0059 A78-20553  
Influence of radioactivity or sulfur treatment on  
hyperoxia-induced pulmonary lesions in the rat  
p0060 A78-20558
- VIGNAU, S. R.**  
Plasma /Na<sup>+</sup>/, /Ca<sup>++</sup>/, and volume shifts and  
thermoregulation during exercise in man  
p0053 A78-18573
- VIERKO, V.**  
Lipid metabolism during exercise. I -  
Physiological and biochemical characterization  
of normal healthy male subjects in relation to  
their physical fitness  
p0292 A78-51300
- VIIKINSALO, S. J.**  
Helmet latching and attaching ring  
[NASA-CASE-XMS-04670]  
p0097 A78-17678
- VIL-VILLIANS, I. P.**  
Prevention of human deconditioning during  
prolonged immersion in water  
p0030 A78-15202
- VILENCHIK, M. M.**  
Magnet effects in biology  
p0281 A78-31709
- VILLA, R. P.**  
Cerebral energy state during or after hypoxia and  
complete or incomplete ischemia  
p0259 A78-47210
- VILLAUME, J. E.**  
A literature review: Problem definition studies  
on selected toxic chemicals. Volume 6:  
Occupational health and safety and environmental  
aspects of urea-formaldehyde resins  
[AD-A054991]  
p0282 A78-31716  
A literature review: Problem definition studies  
on selected toxic chemicals. Volume 4:  
Occupational health and safety aspects of the  
fog oils SGP No. 1 and SGP No. 2 and smoke  
screens generated from them  
[AD-A055903]  
p0310 A78-32709
- VILLEN, M. V.**  
The electrocardiogram and cardiac rhythm in  
healthy young persons  
p0217 A78-42654
- VINCENT, J.**  
Gas exchanges during exercise in normoxia and  
hyperoxia  
p0237 A78-43944  
Pulmonary gas exchange, diffusing capacity in  
natives and newcomers at high altitude  
p0302 A78-53711
- VINCENT, R.**  
Noninvasive recording of electrical activity in  
the PR segment in man  
p0136 A78-30724
- VINNIKOV, I. A.**  
Biological investigations of higher and lower  
plants aboard Soyuz 19  
p0028 A78-15190
- VINNIKOV, Y. A.**  
Structural and functional organization of the  
vestibular apparatus in rats subjected to  
weightlessness for 19.5 days aboard the  
Kosmos-782 satellite  
[NASA-TN-75529]  
p0223 A78-26717
- VINOGRADOV, G. I.**  
Distinctive reactions of the body's immunological  
system to the combined effects of physical and  
chemical environmental factors  
p0186 A78-21727
- VINOGRADOV, S. A.**  
An experimental study of the ultralow-frequency  
electromagnetic fields on warmblooded animals  
and microorganisms  
p0164 A78-22580
- VINOKUR, L.**  
Coliphages survival as viral indicator in various  
wastewater quality effluents  
p0207 A78-25748
- VINTEN-JOHANSEN, J.**  
Blood flow and relative tissue PO<sub>2</sub> of brain and  
muscle - Role of carotid chemoreceptors  
p0297 A78-52542
- VIOLAND, B. H.**  
The activation of human plasminogen by urokinase  
p0086 A78-16594
- VIRSU, V.**  
Cortical magnification factor predicts the  
photopic contrast sensitivity of peripheral vision  
p0057 A78-20324
- VIRU, A. A.**  
Diurnal rhythm of secretion of 17-oxy corticoids  
during local and uniform production work  
p0129 A78-28488
- VISIOLI, O.**  
Different prognostic value of exercise  
electrocardiogram in men and women  
p0220 A78-42925
- VISSER, J. W. H.**  
Laser backscattering measurements on biological  
cells: Preliminary results  
[LA-UR-76-2462]  
p0085 A78-16588
- VITOLS, A. V.**  
Characteristics of pressor response during  
voluntary and induced contraction of skeletal  
muscles  
p0218 A78-42662
- VIZVIUK, A. V.**  
Analog simulation of the movements of an ideal  
manipulator  
p0266 A78-48511
- VLADIMIRSKII, B. M.**  
The biosphere and active processes on the sun  
p0135 A78-29691  
Possible solar-activity factors affecting  
processes in the biosphere  
p0163 A78-22572  
An experimental study of the ultralow-frequency  
electromagnetic fields on warmblooded animals  
and microorganisms  
p0164 A78-22580
- VLADYCHIV, G. P.**  
Human operator in a spacecraft control system  
during descent in the atmosphere  
p0263 A78-47970
- VLASOV, V. D.**  
Significance of the percussion symptom in  
detection of peptic ulcers in flight personnel  
p0111 A78-18693
- VLASOV, V. G.**  
Histochemical study of digestive organs of rats  
involved in space flight on the Kosmos-690  
satellite

- VLASOVA, L. P. p0306 N78-32681  
Sanitary and hygienic evaluation of water regenerated from urine
- VLASOVA, T. P. p0177 N78-22686  
Effects of space flights and concomitant radiation on amino acid metabolism in rat skeletal muscles p0125 N78-19761  
Dynamics of free amino acid levels in human blood plasma during bed rest in head down position p0306 N78-32677
- VODOLAZSKII, V. L.  
Analysis of energy metabolism of a functioning heart during hypoxia and variations of functional loading p0270 A78-48754
- VOGE, V. H.  
Comparison of several G-tolerance measuring methods at various seatback angles p0101 A78-26732
- VOGT, L.  
Model of the supine human body and its reactions to external forces p0076 A78-21723  
Preliminary investigation of using the centrifuge and light aircraft for training payload specialists [DLR-IB-355-76/06] p0044 N78-13734
- VOINOVA, M. KH.  
Interrelationship of catecholamines and corticosteroids during muscle fatigue p0156 A78-34785
- VOLKMAN, D.  
Ultrastructural aspects of gravity-perceiving cells in cress roots p0172 N78-22648
- VOLKMAN, P. C.  
Contrast sensitivity during saccadic eye movements p0295 A78-51954
- VOLKOV, V. G.  
Method of evaluating the work capacity of pilots and astronauts p0262 A78-47962  
Spaceflight stress factors and the ability to track instruments p0263 A78-47973
- VOLKOVA, K. A.  
Prospects for developing a theory of a functional system p0135 A78-30395
- VOLKOVA, V. S.  
The ozone problem associated with technical and health considerations in aviation p0057 A78-20293
- VOLKOVA, Z. A.  
Significance of glycolysis in tissues for the combined action of hypercapnia, hypoxia, and hypothermia p0294 A78-51662
- VOLKHOV, V. P.  
Suggestibility and characterological features of personality p0262 A78-47961
- VOLOSHIN, V. G.  
Emotional state and orthostatic reactions p0262 A78-47960
- VOLOVINSKAIA, O. I.  
Heart damage during emotional stress and prophylaxis of this effect with the aid of preliminary adaptation to high-altitude hypoxia p0106 A78-28123
- VOLYNKIN, Y. H.  
Technique for selective catheterization of the heart and great vessels used in biomedical studies of healthy individuals p0110 N78-18686
- VOLYNSKII, A. H.  
An experimental study of the ultralow-frequency electromagnetic fields on warmblooded animals and microorganisms p0164 N78-22580
- VOLZRSKAIA, A. H.  
Some indices of oxygen exchange and resistance of rats to acute hypoxia during posttransfusion polycythemia p0302 A78-53788
- VON BAUGARTEN, R. J.  
Effect of prehatching weightlessness on adult fish behavior in dynamic environments p0139 A78-31841
- VON GRUENAU, H. W.  
Interaction between sustained and transient channels - Form inhibits motion in the human visual system p0155 A78-34335
- VON NIEDING, G.  
Acute effects of ozone on lung function in humans p0024 A78-14195
- VON WERDER, K.  
Increased secretion of growth hormone, prolactin, antidiuretic hormone, and cortisol induced by the stress of motion sickness p0079 A78-21741
- VOROBIEV, E. I.  
Preliminary results of medical investigations during manned flights of the Salyut 6 Orbital Station p0030 A78-15199
- VOROBIEV, O. A.  
A procedure for the automated analysis of vestibular nystagmus p0291 A78-50750
- VOROBIEV, O. A.  
Effect of coriolis accelerations on man's ability to determine the direction of gravitational vertical p0308 N78-32694
- VOROBIEV, Y. I.  
Main stages and prospects of development of space biology and medicine p0110 N78-18680
- VORONETSKAIA, D. K.  
Tracking of a programmed motion by a manipulator p0080 A78-21905
- VORONIN, L. I.  
Variation of the corticosteroid composition of the urine under the action of simulated orthostatic stressing under high-g conditions p0073 A78-21373
- VORONOVA, M. L.  
Processes of learning complex behavior p0273 A78-49801
- VOS, J. J.  
Requirements for goggles used in training to fly instruments [IZP-1977-4] p0206 N78-28805
- VOYTKOVYAK, M.  
Sudden loss of consciousness in pilots with low intraocular pressure during exposure to G forces p0117 N78-18737
- VOULIS, G. A.  
Psychophysiological aspects of time perception (the memory of speed) p0006 N78-10691
- VUKOBRAATOVIC, M.  
New control concept of anthropomorphic manipulators p0136 A78-30508
- VULETICH, T.  
Design and construction of the Donner 280-crystal positron ring for dynamic transverse section emission imaging [LBL-5679] p0283 N78-31721
- VYGODSKAYA, A. L.  
Distinctions of radioprotective effect of acute hypoxia on 5-day-old mice preadapted to oxygen deficiency p0306 N78-32683
- VYKUKAL, H. C.  
Walking boot assembly [NASA-CASE-ARC-11101-1] p0096 N78-17675  
Spacesuit mobility joints [NASA-CASE-ARC-11058-2] p0121 N78-18763  
Spacesuit mobility joints [NASA-CASE-ARC-11058-1] p0285 N78-31735  
Spacesuit torso closure [NAS-CASE-ARC-11100-1] p0285 N78-31736  
Cooling system for removing metabolic heat from an hermetically sealed spacesuit [NASA-CASE-ARC-11059-1] p0312 N78-32721
- VYCHIKOVA, E. A.  
Physiological hygiene studies p0193 A78-36629

## W

- WACHS, T. J.  
Psychogenic G-force intolerance revisited p0079 A78-21747

- WADE, N. J.  
The influence of colour and contour rivalry on the magnitude of the tilt after-effect  
p0221 A78-43185
- WAGENAAR, J.  
Reinforcement of ozone action in mice by additional environmental compounds  
p0024 A78-14194
- WAGENAAR, W. A.  
ACTH fragments and verbal learning [IZF-1977-15]  
p0225 N78-26733  
ACTH 4-10 and adaptive learning [IZF-1977-13]  
p0226 N78-26736
- WAGNER, H. G.  
Trichromatic vision in the cat  
p0032 A78-15280
- WAGNER, J. A.  
Hypoxia, smoking history, and exercise  
p0161 A78-36155
- WAGNER, H.  
Acute effects of ozone on lung function in humans  
p0024 A78-14195
- WAGONER, B. L.  
Pupillometric signs of brain activation vary with level of cognitive processing [AD-A050029]  
p0149 N78-21757
- WAKE, L. V.  
Antifouling activity of phytotoxic compounds and experimental polymeric algicides [NFI-R-698]  
p0148 N78-21747
- WALKER, J. H.  
Flurazepam effects on slow-wave sleep - Stage 4 suppressed but number of delta waves constant  
p0032 A78-15312  
Effects of exercise on sleep  
p0217 A78-42006
- WALLACE, C. J.  
Assessment of free-living nitrogen fixing microorganisms for commercial nitrogen fixation [NASA-CN-157565]  
p0275 N78-30798
- WALLACE, R. W.  
Cosmic radiation exposure in subsonic air transport  
p0140 A78-31845
- WALLACE, T. F.  
Spatial disorientation in general aviation accidents  
p0265 A78-48081  
Spatial disorientation in general aviation accidents [AD-A053230]  
p0230 N78-27755
- WALLACH, H.  
Eye muscle potentiation does not account for adaptation in distance perception based on oculomotor cues  
p0036 A78-16824
- WALLER, M. C.  
Applications of pilot scanning behavior to integrated display research  
p0056 A78-19430  
Research in pilot scanning behavior  
p0239 A78-45438
- WALLIN, J. D.  
Glucose delivery - A modulator of glucose uptake in contracting skeletal muscle  
p0055 A78-19143
- WANG, J.-Y.  
A prototype system for automated interpretation of vectorcardiograms  
p0083 A78-23881
- WANG, S. C.  
Response of medullary respiratory neurons to hypercapnia and isocapnic hypoxia  
p0033 A78-15521
- WARD, C. C.  
Biodynamic finite element models used in brain injury research  
p0074 A78-21705
- WARD, C. H.  
Effects of simulated hypogravity on respiration and photosynthesis of higher plants  
p0269 A78-48680
- WARD, R.  
Perceptual effect of pursuit eye movements in the absence of a target  
p0236 A78-43924
- WARD, S. L.  
Effects of increased ambient CO2 on brain tissue oxygenation and performance in the hypoxic rhesus  
p0242 A78-46413
- WARNER, H. D.  
Manual control in target tracking tasks as a function of control type task loading and vibration [AD-A043903]  
p0042 N78-12671
- WARR, G. A.  
Polymorphonuclear leukocyte response: Experiment MA-032  
p0092 N78-17105
- WARREN, E. B.  
Determining the number and positions of measuring locations for body surface potential mapping  
p0228 N78-27740
- WASSERMAN, D. E.  
Proceedings of the international occupational hand-arm vibration conference [DHEW/PUB/NIOSH-77/170]  
p0205 N78-24799
- WASSERMAN, K.  
Kinetics of gas exchange and ventilation in transitions from rest or prior exercise  
p0050 A78-18082
- WASSERMAN, R.  
An assessment of the role of simulators in military tactical flight training. Volume 2: Assessment based on literature survey [AD-A040607]  
p0096 N78-17672
- WATANABE, H.  
Morphology of extremely heat-resistant spores from Bacillus sp. ATCC 27380 by scanning and transmission electron microscopy  
p0028 A78-15185
- WATKINS, J.  
Interocular light adaptation effect on the Lie 'specific threshold'  
p0221 A78-43187
- WATKINS, L.  
Interocular light adaptation effect on the Lie 'specific threshold'  
p0221 A78-43187
- WATSON, P. C.  
Robot and manipulator control by exteroceptive sensors  
p0083 A78-23855
- WATSON, S. W.  
Marine microbiology [COO-3565-08]  
p0043 N78-13722
- WAXLER, H.  
Interaction between microwave and neuroactive compounds  
p0166 N78-22597
- WAY, T. C.  
Verification of workload - A job for simulation [AIAA 78-1586]  
p0290 A78-50664
- WEARE, M. H.  
Physiological studies of nitrogen fixation by blue-green algae  
p0039 N78-12647
- WEBB, J. A., JR.  
Design and performance of heart assist or artificial heart control systems  
p0183 N78-23032
- WEBB, M. D.  
RF radiation absorption patterns: Human and animal modeling data [PB-274749/1]  
p0124 N78-19755
- WEBB, P.  
Controlling human heat content - Method and application  
p0033 A78-15582
- WEBB, W. B.  
Effects of rapidly rotating shifts on sleep patterns and sleep structure  
p0101 A78-26733
- WEBBOW, B. W.  
Spacesuit torso closure [NASA-CASE-ARC-11100-1]  
p0285 N78-31736  
Cooling system for removing metabolic heat from an hermetically sealed spacesuit [NASA-CASE-ARC-11059-1]  
p0312 N78-32721
- WEBER, A. L.  
Genetic code correlations - Amino acids and their anticodon nucleotides  
p0260 A78-47888
- WEBER, K. T.  
Myocardial oxygen consumption - The role of wall force and shortening  
p0019 A78-13483
- WEEKS, H. H.  
Topical hazard evaluation program of candidate insect repellent A13-36331, US Department of Agriculture propriety compound

- [AN-A050216] p0253 N78-29741
- WEGHART, H. H.  
Endocrine-metabolic cost of piloting F-104 G aircraft p0091 N78-16629
- WEIBEL, E. B.  
The normal human lung - Ultrastructure and morphometric estimation of diffusion capacity p0140 A78-32039
- WEIDLICH, E.  
Bioelectrodes as sensors and as power sources for implantable medical devices [BNPT-PB-T-77-44] p0253 N78-29736
- WEIGAND, A. J.  
The use of an ion-beam source to alter the surface morphology of biological implant materials [NASA-TN-78851] p0169 N78-22618
- WEIL, A. C.  
Zero gravity and cardiovascular homeostasis. The relationship between endogenous hyperprolactinemia and plasma aldosterone [NASA-CN-151715] p0179 N78-22705
- WEIL, C. H.  
Review of exposure techniques and dosimetric methods employed in microwave bioeffects research p0048 A78-17583
- WEINER, F. C.  
Biped stability considerations with vestibular models p0083 A78-23882
- WEINMAN, D. G.  
Motion - Methods and requirements [AIAA 78-1576] p0290 A78-50657
- WEINMAN, E. J.  
Renal sodium reabsorption following induction of and recovery from volume expansion p0049 A78-17647
- WEINSTEIN, E.  
Evaluation of congenital heart defects from dynamic tracer measurements p0130 A78-28872
- WEIR, P. W.  
Prediction of carboxyhemoglobin concentration from transient carbon monoxide exposure p0018 A78-13273
- WEISKOPF, R.  
The nature of the perception of effort at sea level and high altitude [AD-A051274] p0246 N78-28781
- WEISS, E. S.  
Myocardial contracture and accumulation of mitochondrial calcium in ischemic rabbit heart p0055 A78-19145
- WEISS, H. B.  
Blood flow and relative tissue PO<sub>2</sub> of brain and muscle - Role of carotid chemoreceptors p0297 A78-52542
- WEISS, J. L.  
Exercise stress testing p0026 A78-15159
- WEISS, L.  
Adaptive cardiovascular changes to physical training in spontaneously hypertensive and normotensive rats p0258 A78-46981
- WEISSTEIN, W.  
A phantom-motion aftereffect p0034 A78-15947
- WELCH, A. J.  
Classification of sleep stage with period analysis features derived from the EEG p0101 A78-26737
- Sleep wakefulness determinations from heart rate data, volume 3 [AD-A045817] p0113 N78-18703
- WELCH, G.  
Response of cultured mammalian cells to accelerated krypton particles p0029 A78-15196
- WELFORD, A. T.  
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- Mental work-load as a function of demand, capacity, strategy and skill p0159 A78-35852
- WELLS, C. L.  
Sexual variations in thermoregulation during heat stress p0157 A78-35108
- WELLS, H. K.  
Transcutaneous measurement of volume blood flow [NASA-CN-155233] p0012 N78-11691
- WELSH, E. W.  
Refractive error characteristics of early and advanced presbyopic individuals [AD-A044555/1] p0065 N78-15684
- Readability of alphanumeric characters having various contrast levels as a function of age and illumination mode [AD-A044554/4] p0066 N78-15691
- Aeromedical implications of the X-Chrom lens for improving color vision deficiencies [AD-A054794] p0310 N78-32708
- WENFEE, T. E.  
Simulator evaluation of three situation and guidance displays for V/STOL aircraft zero-zero landing approaches p0238 A78-44131
- WENDEROTH, P.  
The influence of colour and contour rivalry on the magnitude of the tilt after-effect p0221 A78-43185
- WENDT, W.  
The effect of extraversion/introversion on the consolidation processes related to the retention of verbal material p0025 A78-14499
- WENZEL, H.  
Bioelectrodes as sensors and as power sources for implantable medical devices [BNPT-PB-T-77-44] p0253 N78-29736
- WERNER, E.  
The artificial gill: A study of its development, theory of operation, humanistic aspects, and design p0276 N78-30805
- WERSAELL, J.  
The mammalian otocyst in vitro. A model system for experimental pathology on earth and in space p0171 N78-22638
- WESCOURT, K. T.  
Knowledge-based adaptive curriculum sequencing for CAI: Application of a network representation [AD-A047090] p0089 N78-16619
- WEST, J. B.  
Elasticity of excised dog lung parenchyma p0258 A78-47206
- WEST, L.  
Advances in human internal radiation counting at Los Alamos: Multiple simultaneous in-vivo measurements [LA-UR-78-1063] p0315 N78-33721
- WEST, H. W.  
Chemical evolution and the origin of life - Bibliography supplement 1976 p0303 A78-53875
- WESTBIE, D. K.  
Glucose delivery - A modulator of glucose uptake in contracting skeletal muscle p0055 A78-19143
- WESTENDORP, D. H.  
Binocular detection by normal and stereoblind observers p0299 A78-53082
- WESTERFIELD, R. H., JR.  
Nerve form and function: Some cellular aspects of action potential initiation and propagation p0112 N78-18698
- WETZEL, R.  
Aminoacyl-tRNA synthetase families and their significance to the origin of the Genetic Code p0303 A78-53873
- WEWERINKE, P. H.  
Human monitoring and control behavior models and experiments [NLR-TR-77010-U] p0226 N78-26737
- A theoretical framework to study the effect of cockpit information [NLR-MP-76014-U] p0227 N78-26745
- Human control and monitoring-models and experiments [NLR-MP-76015-U] p0256 N78-29763
- WHALEN, W. J.  
Myocardial PO<sub>2</sub> distribution - Relationship to coronary autoregulation p0154 A78-33523

- WHEATLEY, D. J.  
Two-dimensional echocardiography with a wide angle  
/60 deg/ sector scanner p0001 A78-10498
- WHEDON, G. D.  
Metabolic energy requirements during manned  
orbital Skylab missions p0029 A78-15198
- WHERRY, R. J., JR.  
The human operator simulator: Workload estimation  
using a simulated secondary task p0287 N78-31756
- WHINNERY, J. E.  
Medical evaluation of G-sensitive aircrewmembers  
p0242 A78-46416
- WHIPP, B. J.  
Kinetics of gas exchange and ventilation in  
transitions from rest or prior exercise p0050 A78-18082
- WHITE, D.  
Peptide formation in the prebiotic era - Thermal  
condensation of glycine in fluctuating clay  
environments p0215 A78-41220
- WHITE, K. D.  
Contrast sensitivity during saccadic eye movements  
p0295 A78-51954  
Binocular interactions during establishment of  
McCullough effects p0295 A78-51955  
Studies of orientation-contingent color after  
effects p0007 N78-10700
- WHITE, T. P.  
Influence of metabolic rate upon the metabolism of  
lactic acid and the oxidation of glucose,  
alanine and leucine p0143 N78-20745
- WHITEHEAD, G. W.  
Study of reactive materials for development of new  
protective clothing concepts  
[AD-A054877] p0279 N78-30826
- WHITHAM, E. M.  
Individual variability and its effect on  
subjective and biodynamic response to whole-body  
vibration p0200 A78-39345
- WHITLOCK, C.  
Alterations in the surface properties of cells  
responsive to nerve growth factor p0217 A78-42459
- WHITNEY, D. E.  
Robot and manipulator control by exteroceptive  
sensors p0083 A78-23855
- WHITSETT, C. E., JR.  
Manned maneuvering unit - A space platform support  
system  
[ATAA PAP2R 78-1663] p0295 A78-51990
- WICHANSKY, A. W.  
Summary report: Workshop on Vehicle Ride Quality  
[NASA-CP-2013] p0013 N78-11705
- WICK, R. L., JR.  
Hypertension in the civilian flying population -  
Significant or not p0080 A78-21748
- WICKENS, C. D.  
The effects of participatory mode and task  
workload on the detection of dynamic system  
failures  
[AD-A050210] p0147 N78-20775
- WICKRAMASINGHE, C.  
Does epidemic disease come from space  
p0036 A78-16700
- WICKS, S. M.  
Stress in air traffic personnel - Low-density  
towers and flight service stations p0158 A78-35111  
Stress in air traffic personnel: Low-density  
towers and flight service stations  
[AD-A046826] p0094 N78-17657  
Experimental attempts to evoke a differential  
response to different stressors  
[AD-A054795] p0311 N78-32716
- WIDEN, H.  
Comparison between flight test data and data from  
a theoretical model for the discovery of a  
ground target from the air  
[FOA-C-56010-H9 (H6)] p0255 N78-29751
- WIESKAMP, T. F.  
Apollo-Soyuz light-flash observations  
Light flash observations: Experiment MA-106  
p0029 A78-15191  
p0091 N78-17100
- WIKSWO, J. P., JR.  
Measurement of the human magnetic heart vector  
p0048 A78-17265  
Superconducting magnetometry for the  
detection of  
heart disease  
[PB-271950/8] p0044 N78-13735
- WILDER, D. G.  
Radiographic and biomechanical studies of the  
human spine  
[AD-A049984] p0149 N78-21758
- WILFONG, E. J.  
The utility of peripheral vision to motor vehicle  
drivers  
[PB-278157/3] p0234 N78-27779
- WILKERSON, J. E.  
Exercise-induced changes in blood ammonia levels  
in humans p0057 A78-20339
- WILKINS, J. R.  
Multichannel electrochemical microbial detection  
unit p0137 A78-31300
- WILLEMS, G.  
A detailed performance evaluation of subminiature  
piezoresistive accelerometers p0048 A78-17407
- WILLEMS, G. C.  
Empirical model of intracranial pressure and head  
motion resulting from a vibrating seated rhesus  
p0076 A78-21720  
Dynamic response of human and primate head and  
neck to lateral G impact statement  
[PB-275448/9] p0146 N78-20770
- WILLIAMS, B. A.  
A subcutaneous channeling probe for implanting  
long leads p0294 A78-51872  
An inductively powered telemetry system for  
temperature, EKG, and activity monitoring  
[NASA-TN-78486] p0183 N78-23706  
Cooling system for removing metabolic heat from an  
hermetically sealed spacesuit  
[NASA-CASE-ARC-11059-1] p0312 N78-32721
- WILLIAMS, D. R.  
Man at high altitude: The pathophysiology of  
acclimatization and adaptation p0002 A78-11957
- WILLIAMS, K. M.  
A critical evaluation of the application of amino  
acid racemization to geochronology and  
geothermometry p0026 A78-14682
- WILLIAMS, L. R.  
Distribution of phytoplankton in Tennessee lakes  
[PB-280139/7] p0276 N78-30803  
Distribution of phytoplankton in Ohio lakes  
[PB-280140/5] p0276 N78-30804
- WILLIAMS, W. P.  
Germination-defective mutant of *Neurospora crassa*  
that responds to siderophores p0217 A78-41823
- WILLIAMS, R. A.  
The processing of velocity information by the  
pursuit oculomotor system p0252 N78-29735
- WILLIAMS, R. J.  
Interactive modeling and analysis of dynamic  
systems with applications to the musculoskeletal  
structure p0007 N78-10703
- WILLIAMS, R. L.  
Effects of high ambient temperature on sleep in  
young men p0214 A78-41158
- WILLIAMS, T. E.  
Design of a blood-freezing system for leukemia  
research  
[NASA-TP-1165] p0109 N78-18673
- WILLIAMSON, R. L.  
A new approach toward obtaining quantified  
subjective test data  
[AD-A047838] p0121 N78-18764
- WILLIGES, B. H.  
Critical variables in adaptive motor skills training



- WILLIGES, R. C. p0153 A78-32677  
A regression approach to generate aircraft predictor information
- Williges, R. C. p0054 A78-18822  
Critical variables in adaptive motor skills training p0153 A78-32677  
The isolation of minimum sets of visual image cues sufficient for spatial orientation during aircraft landing approaches [AD-A046369] p0068 N78-15700
- WILLIS, C. A.  
BEIRMOD, a computer program for calculating the effects of exposure to ionizing radiation [PB-279584/7] p0254 N78-29747
- WILLOUGHBY, J. K.  
Man-machine interface analysis of the flight design system [NASA-CR-151812] p0255 N78-29754
- WILLSKY, A. S.  
A prototype system for automated interpretation of vectorcardiograms p0083 A78-23881
- WILMORE, J. H.  
Exercise in cardiovascular health and disease p0197 A78-38053
- WILSON, B. A.  
Design of high pressure oxygen filter for extravehicular activity life support system, volume 1 [NASA-CR-151571] p0062 N78-14786  
Design of high pressure oxygen filter for extravehicular activity life support system. Volume 2: Test data [NASA-CR-151572] p0063 N78-14787
- WILSON, C. O.  
Activation and sustained attention: A pupillometric study of an auditory vigilance task [AD-A050040] p0149 N78-21759
- WILSON, E. R.  
Threshold visibility of frequency gradient patterns p0025 A78-14414
- WILSON, J. W.  
Depth-dose relations for heavy ion beams p0201 A78-39700
- WILSON, R. L.  
Medical ultrasonic tomographic system [NASA-CR-155269] p0040 N78-12659  
Tissue identification by ultrasound [NASA-CR-157776] p0314 N78-33716
- WINANS, L.  
Dry-heat resistance of selected psychrophiles p0105 A78-27897
- WINANS, L., JR.  
Anaerobic utilization of phosphite/phosphine as a sole source of phosphorus - Implication to growth in the Jovian environment p0028 A78-15186  
Response of terrestrial microorganisms to a simulated Martian environment p0301 A78-53624  
Anaerobic utilization of phosphite and hypophosphite by *Bacillus* sp. p0301 A78-53625
- WINDHAM, G. C.  
On the cysteine and cystine content of proteins - Differences between intracellular and extracellular proteins p0049 A78-17854
- WING, H.  
Stability of characteristics of alternate forms of a test battery [PB-280958/0] p0311 N78-32719
- WINGET, C. H.  
Loss of circadian rhythmicity in body temperature and locomotor activity following suprachiasmatic lesions in the rat p0267 A78-48576  
Effect of suprachiasmatic lesions on diurnal heart rate rhythm in the rat p0267 A78-48580  
Biorhythms and space experiments with nonhuman primates p0009 N78-11669  
The capuchin monkey as a flight candidate p0010 N78-11677
- WINGET, J. H.  
Biodynamic model of a parachutist p0075 A78-21712
- WINKLER, L. H.  
Space colonization - Some physiological perspectives p0215 A78-41164
- WINSLOW, R. H.  
Variability of oxygen affinity of normal blood - An automated method of measurement p0259 A78-47209
- WINSHAW, P. R.  
Underclothing and its physiological effects in a hot-dry environment [AD-A050540] p0182 N78-22725
- WINTER, D.  
The NASA Life Sciences experiment program for Shuttle/Spacelab [AAS PAPER 78-010] p0301 A78-53615
- WINTERSON, B. J.  
The effect of luminance on human smooth pursuit of perifoveal and foveal targets p0295 A78-51952
- WIRTHS, G.  
Life sciences research in Spacelab p0239 A78-44621  
Life sciences laboratories in Spacelab [AAS PAPER 78-011] p0301 A78-53613
- WISE, D. L.  
Development of a synthetic polymer burn covering [AD-A042459] p0095 N78-17667
- WISSMAN, D. J.  
Audio-visual proficiency testing: Annotated bibliography [AD-A048122] p0113 N78-18704
- WITT, W. H.  
Use of vectorcardiography for the detection of +Gz-related cardiac pathology in miniature swine p0241 A78-46410
- WOESE, C. R.  
The concept of cellular evolution p0002 A78-10547  
Endosymbionts and mitochondrial origins p0049 A78-17851  
Are extreme halophiles actually 'bacteria' p0211 A78-40192  
Archaeobacteria p0260 A78-47891
- WOFFORD, H. J. H.  
Investigation of an alternative response task for synthetic sentence index p0232 N78-27768
- WOJCIECHOWSKI, M.  
Regions of differential cell elongation and mitosis, and root meristem morphology in different tissues of geotropically stimulated maize root apices p0298 A78-52631
- WOJTKOWIAK, M.  
Histological studies of eyeballs of experimental animals subjected to accelerations p0106 A78-28319  
Behavior of certain biochemical indices of the blood of rats subjected to +Gz accelerations according to different programs in tests to the tolerance limit p0106 A78-28320  
Influence of specific and nonspecific training on +Gz acceleration tolerance of rats p0106 A78-28321
- WOLBARSH, H. L.  
Trichromatic vision in the cat p0032 A78-15280  
The origin of cataracts in the lens from infrared laser radiation [AD-A046165] p0061 N78-14779
- WOLCZEK, O.  
Results of biological experiments carried out by the Viking probes and the possible existence of life on Mars p0134 A78-29662
- WOLF, J. J.  
Human performance tradeoff curves for use in the design of Navy systems [AD-A053332] p0209 N78-25770
- WOLF, W.  
How presaccadic gratings modify postsaccadic modulation transfer function p0295 A78-51953
- WOLFE, D. L.  
Mechanism of the attenuated cardiac response to beta-adrenergic stimulation in chronic hypoxia p0191 A78-36601

- Mechanism of the attenuated cardiac response to beta-adrenergic stimulation in chronic hypoxia  
[AD-A050147] p0231 N78-27762
- WOLFE, J.**  
The search for extraterrestrial intelligence (SETI)  
[NASA-SP-419] p0122 N78-18771
- WOLFE, L. A.**  
Relationship between maximal oxygen uptake and left ventricular function in exercise p0082 A78-23601  
Reliability of noninvasive methods for measuring cardiac function in exercise p0082 A78-23602
- WOLFE, R. S.**  
Phytanyl-glycerol ethers and squalenes in the archaeobacterium *Methanobacterium thermoautotrophicum* p0260 A78-47892
- WOLFF, H. S.**  
Personal instrumentation for the registration of cardiovascular and electrophysiological signals p0170 N78-22630
- WOLOCHOW, H.**  
Evidence for propagation of aerobic bacteria in particles suspended in gaseous atmospheres p0027 A78-15181
- WOLTHUIS, R. A.**  
Treatment of hypertension in aviators - A clinical trial with Aldactazide p0134 A78-29564
- WOLVERTON, B. C.**  
Compiled data on the vascular aquatic plant program, 1975 - 1977  
[NASA-TM-79511] p0223 N78-26715
- WOMBLE, M. E.**  
A prototype system for automated interpretation of vectorcardiograms p0083 A78-23881
- WONG, S. C. P.**  
Subjective motion and acceleration induced by the movement of the observer's entire visual field p0271 A78-48824
- WONG, Y. C.**  
Health and safety impacts of nuclear, geothermal, and fossil-fuel electric generation in California. Volume 2: Radiological health and related standards for nuclear power plants  
[LRL-5285-VOL-2] p0146 N78-20769
- WOO, W.**  
Effects of simulated altitude training on aerobic and anaerobic power p0103 A78-26746
- WOOD, E. H.**  
Effect of force environment on regional pulmonary displacements and volumes in dogs p0103 A78-26924  
Spatial distribution of pulmonary blood flow in dogs in increased force environments p0130 A78-29032  
Effect of gravitational and inertial forces on vertical distribution of pulmonary blood flow p0161 A78-36154  
Some effects of acceleration in man and chimpanzees p0009 N78-11668
- WOOD, L. A.**  
Hand-arm vibration. III - A distributed parameter dynamic model of the human hand-arm system p0153 A78-32781
- WOOD, P. C.**  
Chemical interpretation of Viking Lander 1 life detection experiment p0099 A78-25560
- WOOD, S. C.**  
Regulation of intracellular pH in lungs and other tissues during hypercapnia p0236 A78-43792
- WOODS, R. L.**  
An evaluation of the fluidic oxygen partial pressure sensor  
[AD-A055362] p0286 N78-31743
- WOODS, R. R.**  
Technology advancement of the electrochemical CO2 concentrating process  
[NASA-CR-152098] p0182 N78-22723
- WOODWARD, A. A., JR.**  
A human factors evaluation of an experimental reversible extreme cold weather clothing ensemble  
[AD-A046620] p0067 N78-15696
- WOOLLONS, D. J.**  
Noninvasive recording of electrical activity in the PR segment in man p0136 A78-30724
- WORTHLEY, R. E.**  
Air Force aircrew training devices: Master plan  
[AD-A056940] p0317 N78-33734
- WRIGHT, G. R.**  
Protection against the physiological effects of positive pressure breathing p0160 A78-36151
- WRIGHT, M.**  
Control of cell growth and hormone levels by gravity p0173 N78-22651
- WRIGHT, R. C.**  
Investigation of arterial bloodgases at altitude using constant-flow oxygen masks p0161 A78-36160
- WUEBLER, L.**  
Radar training facility program implementation plan  
[AD-A050319/3] p0189 N78-23747
- WUNDER, C. C.**  
Femur-bending properties as influenced by gravity. III Sex-related weakness after 4-G mouse growth p0017 A78-13266  
Food and oxygen requirements for growing mice and turtles after hypergravitational development p0030 A78-15204
- WYATT, R. L.**  
Noninvasive analysis of regional myocardial wall motion Cardiokymography p0055 A78-19147
- WYDEVEN, T.**  
Chemical interpretation of Viking Lander 1 life detection experiment p0099 A78-25560
- WYLLIE, C. D.**  
Functional requirements and other design features of a manned system research facility  
[AD-A044234] p0042 N78-12672
- WYNNEEN, R. A.**  
Iodine generator for reclaimed water purification  
[NASA-CASE-MSC-14632-1] p0062 N78-14784  
Prototype Bosch CO2 reduction subsystem for the RLSE experiment  
[NASA-CR-150004] p0067 N78-15693  
Technology advancement of the static feed water electrolysis process  
[NASA-CR-152073] p0126 N78-19772  
Advanced instrumentation concepts for environmental control subsystems  
[NASA-CR-152100] p0250 N78-28807

## Y

- YAGODINSKII, V. N.**  
The epidemic process as a function of solar activity p0163 N78-22568
- YAKOVLEVA, I. Y.**  
Investigation of space perception by the crew of the experimental Soyuz-Apollo mission p0111 N78-18695
- YAKOVLEVA, V. I.**  
Development of neoplasms in dogs after chronic exposure to gamma radiation delivered at a low dose rate p0185 N78-23721
- YAHAGAMI, K.**  
Visual fixation points and depth perception p0221 A78-43186
- YAHAJI, K.**  
Differences in cardio-respiratory responses to exhaustive exercise between athletes and non-athletes p0201 A78-39747
- YAHAMOTO, T.**  
The effect of sound duration on annoyance p0294 A78-51841
- YAHAWASHI, B. S.**  
The origin of cataracts in the lens from infrared laser radiation  
[AD-A046165] p0061 N78-14779
- YAHANE, S.**  
Studies on the light and dark adaptation system in the retina p0294 A78-51873
- YAHAMOI, T.**  
On a hypothesis in Luneburg's theory of binocular visual space

- YANG, P. Y. p0216 A78-41411  
Advanced instrumentation concepts for environmental control subsystems [NASA-CR-152100] p0250 N78-28807
- YANG, T. p0029 A78-15193  
Biological effects of high-LET particles on corn-seed embryos in the Apollo-Soyuz test project - Biostack III experiment
- YANG, T. C. H. p0029 A78-15196  
Response of cultured mammalian cells to accelerated krypton particles
- YANKOPOULOS, M. A. p0026 A78-14647  
Computer analysis of the orthogonal electrocardiogram and vectorcardiogram in 257 patients with aortic valve disease
- YARHONENKO, S. P. p0306 N78-32683  
Distinctions of radioprotective effect of acute hypoxia on 5-day-old mice preadapted to oxygen deficiency
- YARULLIN, K. K. p0115 N78-18718  
Distinctive features of regional circulation and vasomotor regulation following a two-month space flight  
Studies of reactivity of the organism using some pharmacological tests p0184 N78-23711  
Investigation of possibility of using lower body negative pressure test for screening cosmonaut candidates p0305 N78-32674
- YATSULA, G. S. p0314 N78-33710  
The preventive role of ultraviolet radiation during exposure to ionizing radiation [NASA-TN-75106]
- YEE, R. D. p0214 A78-41161  
Linear model for visual-vestibular interaction
- YEFIMENKO, G. D. p0308 N78-32692  
Electrolyte content of the myocardium, skeletal muscles and blood of rats during prolonged hypokinesia and readaption
- YEGOROV, A. D. p0110 N78-18680  
Main stages and prospects of development of space biology and medicine  
Cosmonauts undergo medical ground training p0234 N78-28040
- YEGOROV, B. B. p0110 N78-18680  
Main stages and prospects of development of space biology and medicine
- YEGOROV, I. A. p0118 N78-18742  
DNA status in rat liver and spleen following flight on Kosmos-605 satellite
- YEN, F. p0298 A78-52639  
Multinational Andean Genetic and Health Program. VII - Lung function and physical growth - Multivariate analyses in high- and low-altitude populations
- YEREMIN, A. V. p0110 N78-18684  
Main results of medical research conducted during the flight of two crews on the Salyut-5 orbital station  
Dynamics of cyclic and acyclic locomotion of the Soyuz-18 crew after a 63-day space mission p0118 N78-18740  
Immunological reactivity and prediction of allergic complications in the crew of the second expedition of Salyut-4 p0183 N78-23710
- YESHURUS, D. p0027 A78-15161  
Relationship between plasma lipid concentrations and coronary artery disease in 496 patients
- YOKOBORI, A. T. p0217 A78-42576  
The experimental simulation of elastic model of artery system - Some behaviour of vascular substitute under repeated internal stress
- YOKOBORI, T. p0217 A78-42576  
The experimental simulation of elastic model of artery system - Some behaviour of vascular substitute under repeated internal stress
- YOSHIKAWA, S. p0200 A78-39500  
Isolated retinas synthesize visual pigments from retinol congeners delivered by liposomes
- YOUNG, J. A. p0023 A78-14064  
Vestibular and somatosensory interaction in the cat vestibular nuclei
- YOUNG, J. W. p0309 N78-32705  
Three-dimensional anthropometry of the adult face [AD-A054938]
- YOUNG, K.-K. D. p0083 A78-24000  
Controller design for a manipulator using theory of variable structure systems
- YOUNG, L. R. p0004 A78-12607  
Integration of semicircular canal and otolith information for multisensory orientation stimuli  
Analytical evaluation of two motion washout techniques [NASA-CR-154582] p0014 N78-11712
- YOUNG, M. E. p0233 N78-27772  
Human memory. A bibliography with abstracts [NTIS/PS-78/0348/9]  
Protective clothing. Part 1: Arctic and tropical environments. A bibliography with abstracts [NTIS/PS-78/0371/1] p0250 N78-28812  
Protective clothing. Part 2: Fire and radiation environments. A bibliography with abstracts [NTIS/PS-78/0372/9] p0250 N78-28813  
Protective clothing. Part 3: Survival, aircraft, and combat environments. A bibliography with abstracts [NTIS/PS-78/0373/7] p0251 N78-28814  
Protective clothing. Part 4: Industrial environments. A bibliography with abstracts [NTIS/PS-78/0374/5] p0251 N78-28815
- YOUNG, N. E. p0120 N78-18760  
Evoked cortical potentials and information processing [AD-A048647]
- YOUNG, R. N. p0137 A78-31300  
Multichannel electrochemical microbial detection unit
- YOUNG, R. S. p0210 N78-25773  
Publications of the planetary biology program for 1976: A special bibliography [NASA-TN-75017]
- YOUNG, R. W. p0212 A78-40582  
Visual cells, daily rhythms, and vision research
- YOVAN, D. p0028 A78-15185  
Morphology of extremely heat-resistant spores from Bacillus sp. ATCC 27380 by scanning and transmission electron microscopy
- YU, Y.-C. p0216 A78-41528  
Cardiovascular responses to the simulated diving in man and rat
- YUAN, J. S.-C. p0271 A78-49257  
Dynamic decoupling of a remote manipulator system
- YUNES, A. R. p0269 A78-48713  
Hornet building orientation in a vertically rotating centrifuge
- YUNUSOVA, L. S. p0116 N78-18729  
Investigation of concomitant microflora in prolonged substrate-free cultivation of beet plants
- YURGOV, V. V. p0306 N78-32680  
Methods of irradiating biological objects and results of dosimetry onboard the Kosmos-690 satellite
- YURUGI, R. p0238 A78-44348  
Total cholesterol and high density lipoprotein cholesterol (H.D.L.-ch.) in serum of aged pilots for predicting atherosclerotic diseases

## Z

- ZABKAR, J. J.**  
Proprioceptive information about target location suppresses autokinesis  
p0025 A78-14419
- ZABOTIN, V. I.**  
Experimental analysis of the information content of an aural electrical field of the human body [AD-A051096]  
p0188 N78-23741
- ZABRODIN, V. V.**  
A variant of portable single-channel biotelemetry system  
p0280 N78-31702
- ZAGORODNIKOV, S. N.**  
A procedure for the automated analysis of vestibular nystagmus  
p0291 A78-50750
- ZAGOSKIN, S. L.**  
Energy characteristics of nerve cell adaptation  
p0214 A78-41015
- ZAINULLIN, R. G.**  
Influence of angular measures, duration, and shape of stimuli on detecting the order of tracking visual signals  
p0196 A78-37746
- ZAKHARZHEVSKAYA, N. P.**  
Use of the auricle-floor temperature of the rabbit as an index of skin blood flow  
p0303 A78-53792
- ZAKRZEWSKI, M.**  
An objective indicant of binocular vision in humans - Size-specific interocular suppression of visual evoked potentials  
p0055 A78-19224
- ZAKUTAYEVA, V. P.**  
Contractile function of the myocardium with prolonged hypokinesia in patients with surgical tuberculosis [NASA-TM-75115]  
p0224 N78-26726
- ZALOGUEV, S. N.**  
Medically important micro-organisms recovered from Apollo-Soyuz Test Project /ASTP/ crew members  
p0030 A78-15200  
Study of cosmonaut integument microflora  
p0194 A78-36640  
Methods for microbiological and immunological studies of space flight crews [NASA-TM-58185]  
p0251 N78-29725
- ZANDT, P. A.**  
Second-order correlation functions and bi-spectra in biological-rhythm research  
p0004 A78-12601
- ZANEVELD, L.**  
Laser-induced thermal damage of skin [AD-A054612]  
p0276 N78-30810
- ZAOUI, D.**  
Gas exchanges during exercise in normoxia and hyperoxia  
p0237 A78-43944
- ZARAKOVSKII, G. M.**  
Active rest in prolonged spaceflights as a psychological problem  
p0022 A78-13593
- ZARAKOVSKIY, G. M.**  
Principles of engineering psychology involved in optimizing control systems of aircraft and spacecraft  
p0183 N78-23709
- ZAVALNIUK, V. P.**  
Pilot training and prognosis of psychophysiological conditioning of astronauts  
p0261 A78-47955
- ZAVAILOVA, N.**  
And what is the limit of the minimum  
p0073 A78-21475
- ZAWACKI, B. E.**  
Multispectral photographic analysis - A new quantitative tool to assist in the early diagnosis of thermal burn depth  
p0105 A78-27728
- ZEBOUNI, P.-H.**  
Inquest after a civil aviation accident - Personal experience  
p0257 A78-46956
- ZEBROWSKI, M.**  
Studies of perception of information on the spatial position of an aircraft  
p0013 N78-11701
- ZEIDIPARD, E.**  
Effects of atropine and beta-blockade on temperature regulation and performance during prolonged exercise  
p0154 A78-34081  
An assessment of a N2O rebreathing method for the estimation of cardiac output during severe exercise  
p0259 A78-47492
- ZEIER, H.**  
Individual differences during training in the case of alpha brain waves with biofeedback  
p0026 A78-14500
- ZELENSKI, J. D.**  
The role of monamine oxidase inhibition in the acute toxicity of chlorthalimide [AD-A045507]  
p0093 N78-17656
- ZELIS, R.**  
Physiological evaluation of pulmonary dilutional and enzymatic activity on blood-borne catecholamines in cardiocirculatory performance  
p0055 A78-19132
- ZEMTSOVSKII, E. V.**  
The electrocardiogram and cardiac rhythm in healthy young persons  
p0217 A78-42654
- ZENKEVICH, S. L.**  
Manipulators: Dynamics and algorithms  
p0266 A78-48529
- ZERENIN, A. G.**  
Medical monitoring and prognosis of cosmonauts during flight  
p0193 A78-36632
- ZESCHKE, G.**  
Characteristics of the local temperature of isolated cortex during wakefulness and alternation of sleep stages  
p0107 A78-28449
- ZHARIKOVA, G. G.**  
Effects of weightlessness, space orientation and light on geotropism and the formation of fruit bodies in higher fungi  
p0031 A78-15211  
Biological investigations on the orbital station 'Salyut-5'  
p0269 A78-48679
- ZHERNAVOKOV, V. P.**  
Adaptive systems of spacecraft control  
p0263 A78-47975  
Detection of terrestrial landmarks during dark adaptation  
p0264 A78-47984  
Psychophysiological distinctions of pilot performance during brief exposure to intensive photic stimuli  
p0306 N78-32678
- ZHESTOVSKIY, V. A.**  
The correlation of sodium and potassium metabolism with the level of energy consumption in man during adaptation to heat [NASA-TM-753311]  
p0309 N78-32704
- ZHIDKOV, V. V.**  
Effect of the combination of dry air heat and cold water treatment on human orthostatic stability  
p0308 N78-32695
- ZHUBRIKOVA, L. O.**  
Comparison of ontogenetic differences in the activity of mediatory-exchange ferments /monoamine oxidase and glutamate decarboxylase/ in the mitochondrial fractions of the cortical and hypothalamic regions  
p0238 A78-44275
- ZHURAVLEV, V. A.**  
The combined effect of an SHF field and an unfavorable microclimate on the body  
p0316 N78-33730
- ZIEMAN, J. C.**  
Seagrass literature survey [AD-A054480]  
p0252 N78-29729
- ZILLER, J. S.**  
The origin of cataracts in the lens from infrared laser radiation [AD-A046165]  
p0061 N78-14779
- ZINCHENKO, V. P.**  
Functional structure and evaluation criteria of instrumental space operations  
p0023 A78-13600

- ZINGERMAN, A. M.  
Complex evaluation of the functional state of a human operator in control systems p0023 A78-13597  
Effect of antiorthostatic exposure on heart-rate dynamics and quality of tracking by human operator p0071 A78-21179  
Some aspects and achievements of the application of mathematical analysis to cardiac rhythmology p0198 A78-38753  
Mechanisms of self-regulation of the functional system of tracking in normal and pathological states p0263 A78-47970  
Realignments of the cardiovascular system of a human operator under the action of negative gravity p0270 A78-48760
- ZIPP, P.  
Temperature-dependent alterations of the surface-EMG and ECG - An investigation of the electrical transfer characteristics of the human skin p0057 A78-20340
- ZLATIN, R. S.  
Effect of electrical stimulation of posterior hypothalamus structures on the acetylcholinesterase activity of the cortical motor zone in health and under the action of pharmacological agents p0080 A78-22073
- ZNAMENSKII, V. S.  
Medical observations and investigations p0194 A78-36634
- ZOGG, C. A.  
Vitamins limiting for growth of subjects fed a normal diet under hyperbaric Re-O2 conditions p0079 A78-21740
- ZONERATICH, O.  
Atrial flutter - Electrocardiographic, vectorcardiographic and echocardiographic correlation p0271 A78-49150
- ZONERATICH, S.  
Atrial flutter - Electrocardiographic, vectorcardiographic and echocardiographic correlation p0271 A78-49150
- ZORYA, L. V.  
Effect of seduxen on the course of experimental hypokinesia p0176 A78-22681
- ZOTIN, A. I.  
Transient processes in biological systems; Conference on the Kinetics and Thermodynamics of Transient Processes in Biological Systems, Moscow, USSR, September 12-14, 1977, Proceedings p0213 A78-41001
- ZOZULYA, Y. I.  
The matching of biological and technical elements and systems [NASA-TM-75313] p0228 A78-27734
- ZUBKOVA-MIKHAYLOVA, Y. I.  
Circadian changes in activity of the hypothalamus-hypophysis-adrenal system in animals differing in individual radio-sensitivity p0175 A78-22676
- ZUCLICH, J. A.  
Ocular hazard from UV laser exhibiting self-mode-locking p0159 A78-35901
- ZVIAGINTEV, V. V.  
Investigation of the output of the left ventricle of the human heart p0270 A78-48756
- ZYBIN, O. K.  
Parameters of acid-base equilibrium and enzymatic activity of blood in man during brief antiorthostatic hypokinesia p0110 A78-18687

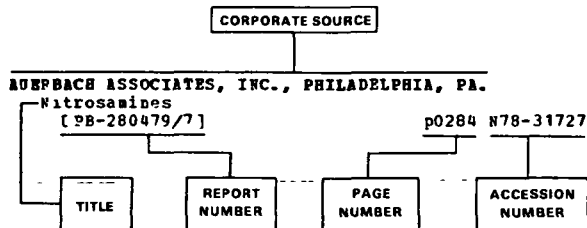
# CORPORATE SOURCE INDEX

AEROSPACE MEDICINE AND BIOLOGY / a continuing bibliography

JANUARY 1979

1978 Cumulative Index

## Typical Corporate Source Index Listing



Listings in this index are arranged alphabetically by corporate source. The title of the document provides the user with a brief description of the subject matter. The report number helps to indicate the type of document listed (e.g. NASA report translation, NASA contractor report). The page and accession numbers are located beneath and to the right of the title (e.g. p0284 N78-31727). Under any corporate source the accession numbers are arranged in sequence with the /AA accession numbers appearing first.

## A

### ADVISORY GROUP FOR AEROSPACE RESEARCH AND DEVELOPMENT, PARIS (FRANCE).

Comparative study of regulations on standards of medical fitness for flying duties in nine air forces covering seven NATO countries  
[AGARD-AG-213(ENG)] p0066 N78-15688

Studies on Pilot Workload  
[AGARD-CP-217] p0090 N78-16621

The Use and Abuse of Social Drugs  
[AGARD-CP-218] p0094 N78-17658

Assessing pilot workload  
[AGARD-AG-233] p0122 N78-18770

Fifth Advanced Operational Aviation Medicine Course  
[AGARD-R-666] p0248 N78-28793

Color vision in aviation p0248 N78-28794

Vision at low luminance levels in aviation p0248 N78-28795

Glare and its adverse consequences in aviation p0248 N78-28796

Depth vision in aviation p0249 N78-28797

Visual problems raised by low altitude high speed flight p0249 N78-28798

The contribution of electrophysiology p0249 N78-28799

Auditory information of flying personnel: Anatomical and physiological basis p0249 N78-28800

Aviator hearing loss p0249 N78-28801

Psychopathology in equilibration in aerospace medicine p0249 N78-28802

New aspects of barotrauma in O.R.L. p0249 N78-28803

Nose pathology of flying personnel p0249 N78-28804

Practical problems raised by Oto-rhino-laryngology standards p0249 N78-28805

Methods to assess work load  
[AGARD-CP-216] p0286 N78-31745

AERONAUTICAL SYSTEMS DIV., WRIGHT-PATTERSON AFB, OHIO.

A comparison of inter-system contrast ratios for segmented digital readouts  
[AD-A050630] p0182 N78-22724

Air Force aircrew training devices: Master plan  
[AD-A056940] p0317 N78-33734

AEROSPACE MEDICAL RESEARCH LABS., WRIGHT-PATTERSON AFB, OHIO.

Pilot tracking performance as a function of G stress and seat back angle  
[AD-A042950] p0006 N78-10695

Aerodynamic forces exerted on an articulated body subjected to windblast  
[AD-A044217] p0041 N78-12662

Identification of alphabetic symbols as a function of their location in the visual periphery  
[AD-A049345] p0127 N78-19777

Nonlinear biomechanical model of the cervical-thoracic transregional joint  
[AD-A052068] p0188 N78-23740

The F/PB-111 escape injury mechanism assessment  
[AD-A052337] p0248 N78-28789

AEROSPACE SYSTEMS, INC., BURLINGTON, MASS.

A design procedure for control/display systems  
p0003 A78-12447

General aviation pilot stall awareness training study  
[AD-A041310/4] p0008 N78-10705

AGRICULTURAL AND TECHNICAL COLL. OF NORTH CAROLINA, GREENSBORO.

Regulation of mammalian hibernation p0122 N78-19741

AGRICULTURAL RESEARCH COUNCIL, CAMBRIDGE (ENGLAND).

Control of cell growth and hormone levels by gravity p0173 N78-22651

AIR FORCE ACADEMY, COLO.

Behavioral and physiological correlates of varying noise environments: Annotated bibliography  
[PB-267565/0] p0007 N78-10698

Behavioral and physiological correlates of varying noise environments  
[PB-271713/0] p0046 N78-13745

AIR FORCE HUMAN RESOURCES LAB., BROOKS AFB, TEX.

Buf et simulation for advanced simulator for pilot training ASPT  
[AD-A040550] p0096 N78-17673

Audio-visual proficiency testing: Annotated bibliography  
[AD-A048122] p0113 N78-18704

Visual-proprioceptive cue conflicts in the control of remotely piloted vehicles  
[AD-A049706] p0151 N78-21770

Annotated bibliography of the Air Force Human Resources Laboratory technical reports-1976  
[AD-A051982] p0189 N78-23749

Performance measurement of maintenance  
[AD-A053475] p0250 N78-28809

Area of interest/field-of-view research using ASPT  
[AD-A055692] p0311 N78-32718

Effects of platform motion, visual and G-seat factors upon experienced pilot performance, in the flight simulator  
[AD-A055691] p0318 N78-33739

G-seat component development  
[AD-A055533] p0318 N78-33740

Emulation of an advanced G-seat on the advanced simulator for pilot training  
[AD-A055532] p0318 N78-33741

AIR FORCE INST. OF TECH., WRIGHT-PATTERSON AFB, OHIO.

A comparison of exercise responses of males and females during acute exposure to hypobaria  
[AD-A045383] p0095 N78-17668

## AIR FORCE SYSTEMS COMMAND,

## CORPORATE SOURCE INDEX

- Contrast sensitivity of the human visual system at one luminance level while adapted to a stimulus at another luminance level  
[AD-A055238] p0282 N78-31717
- Description and analysis of the Hewlett-Packard 78220 arrhythmia monitoring system  
[AD-A055451] p0283 N78-31720
- Quantitative predictions of length in the Mueller-Lyer illusion as perceived by the human visual system  
[AD-A055706] p0317 N78-33732
- AIR FORCE SYSTEMS COMMAND, WRIGHT-PATTERSON AFB, OHIO.
- Experimental analysis of the information content of an aural electrical field of the human body  
[AD-A051096] p0188 N78-23741
- Geophysical phononic energy as a source of biophysical effects  
[AD-A051386] p0203 N78-24785
- AIR TRAINING COMMAND, RANDOLPH AFB, TEX.
- Alternatives for future undergraduate pilot training  
[AD-A053374] p0254 N78-29750
- ALABAMA UNIV., BIRMINGHAM.
- Genetic code correlations - Amino acids and their anticodon nucleotides  
p0260 A78-47888
- APPLIED PSYCHOLOGICAL SERVICES, WAYNE, PA.
- Human performance tradeoff curves for use in the design of Navy systems  
[AD-A053332] p0209 N78-25770
- APPLIED SCIENCE LABS., WALTHAM, MASS.
- Development and testing of an implantable oxygen sensor  
[PB-269501/3] p0006 N78-10697
- ARGONNE NATIONAL LAB., ILL.
- Regions of differential cell elongation and mitosis, and root meristem morphology in different tissues of geotropically stimulated maize root apices  
p0298 A78-52631
- Circadian dyschronism and chronotypic ecophilia as factors in aging and longevity  
[CONF-770412-1] p0044 N78-13731
- ARIZONA STATE UNIV., TEMPE.
- Self-referent behavior as a function of leaderled groups  
p0089 N78-16617
- Cognitive pretraining: An aid in the transition from instrument flying  
[AD-A048816] p0126 N78-19770
- Verbal prescriptive rules in cognitive pretraining for the vertical S-A training maneuver  
[AD-A050971] p0254 N78-29749
- Measuring pilot proficiency on an instrument training maneuver  
[AD-A050972] p0255 N78-29755
- ARIZONA UNIV., TUCSON.
- Effects of radiation upon the light-sensing elements of the retina as characterized by scanning electron microscopy  
p0029 A78-15197
- Ultraviolet-photoproduct organic solids synthesized under simulated Jovian conditions - Molecular analysis  
p0105 A78-28049
- Avian hemodynamic and homeostatic responses following high environmental temperature acclimation  
p0245 N78-28775
- Dedicated medical ion accelerator design study [LBL-7230] p0248 N78-28791
- ARMED FORCES INST. OF PATHOLOGY, WASHINGTON, D. C.
- Effects of repeated microwave irradiations to the albino rabbit eye  
p0168 N78-22615
- ARMY AEROMEDICAL RESEARCH LAB., FORT RUCKER, ALA.
- Visual workload of the copilot/navigator during terrain flight  
p0090 N78-16623
- The assessment of rotary wing aviator precision performance during extended helicopter flights  
p0090 N78-16625
- Helmet cold conditioning: Correlation of structural temperatures in actual and simulated cold environments  
[AD-A050033] p0151 N78-21769
- Physiological parameters associated with extended helicopter flight missions: An assessment of pupillographic data  
[AD-A052771] p0250 N78-28810
- Visual workload of the copilot/navigator during terrain flight  
[AD-A055038] p0286 N78-31742
- Methodological considerations of visual workloads of helicopter pilots  
p0286 N78-31747
- Use of Inspiratory Minute Volumes in evaluation of rotary and fixed wing pilot workload  
p0287 N78-31754
- Visual performance/workload of helicopter pilots during instrument flight  
[AD-A055424] p0318 N78-33738
- ARMY AEROMEDICAL RESEARCH UNIT, FORT RUCKER, ALA.
- The helmet protects the aviator's head - or does it  
[AD-A048574] p0121 N78-18766
- ARMY ARMAMENT RESEARCH AND DEVELOPMENT COMMAND, ABERDEEN PROVING GROUND, MD.
- Sample retreatment dual-cell detector approach for differentiating groups of microbiological materials by luminol chemiluminescence  
[AD-A053383] p0245 N78-28776
- ARMY COLD REGIONS RESEARCH AND ENGINEERING LAB., HANOVER, N. H.
- Neutralization of organic substances in waste water by plants  
[AD-A053435] p0251 N78-29728
- ARMY COMMAND AND GENERAL STAFF COLL., FORT LEAVENWORTH, KANSAS.
- A human factors taxonomy  
[AD-A043723] p0015 N78-11720
- ARMY ENVIRONMENTAL HYGIENE AGENCY, ABERDEEN PROVING GROUND, MD.
- Laser protective eyewear  
[AD-A044105] p0042 N78-12673
- Topical hazard evaluation program of candidate insect repellent AI3-36331, US Department of Agriculture propriety compound  
[AD-A054216] p0253 N78-29741
- Toxicological evaluation of Pyrethrins Fogging Concentrate (trade name) study No. 51-1309-78  
[AD-A055088] p0282 N78-31715
- ARMY MEDICAL RESEARCH INST. OF INFECTIOUS DISEASES, FREDERICK, MD.
- Distribution of tissue water and electrolytes in normal rhesus macaques  
[AD-A052019] p0188 N78-23738
- ARMY NATICK RESEARCH AND DEVELOPMENT COMMAND, MASS.
- The effects of layers of cold weather clothing and type of liner on the psychomotor performance of men  
[AD-A043835] p0015 N78-11719
- Evaluation of US Air Force survival/armor vest in US Army OH-58 helicopters  
[AD-A044842] p0042 N78-12675
- ARMY PERSONNEL RESEARCH ESTABLISHMENT, FARNBOROUGH (ENGLAND).
- A pocket size heart beat radio telemeter and signal decoder  
[AD-A043587] p0043 N78-13728
- ARMY RESEARCH INST. OF ENVIRONMENTAL MEDICINE, NATICK, MASS.
- Development and evaluation of heat transfer equations for a model of clothed man  
[AD-A050542] p0180 N78-22707
- Underclothing and its physiological effects in a hot-dry environment  
[AD-A050540] p0182 N78-22725
- The role of clothing in achieving acceptability of environmental temperatures between 65 F and 85 F (18 C and 30 C)  
[AD-A052563] p0206 N78-24803
- Interaction of cardiorespiratory physical fitness and heat tolerance  
[AD-A050149] p0231 N78-27763
- The nature of the perception of effort at sea level and high altitude  
[AD-A051274] p0246 N78-28781
- Perception of effort during constant work to self-imposed exhaustion  
[AD-A051275] p0246 N78-28782
- Prediction of human heat tolerance  
[AD-A051276] p0247 N78-28788
- ARMY TEST AND EVALUATION COMMAND, ABERDEEN PROVING GROUND, MD.

Recurrent heat exposure: Effects on hormonal responses in resting and exercising men  
[AD-A050539] p0231 N78-27761

Mechanism of the attenuated cardiac response to beta-adrenergic stimulation in chronic hypoxia  
[AD-A050147] p0231 N78-27762

ARMY TROPIC TEST CENTER, APO NEW YORK 09827.  
A new approach toward obtaining quantified subjective test data  
[AD-A047838] p0121 N78-18764

AUXBACH ASSOCIATES, INC., PHILADELPHIA, PA.  
Nitrosamines  
[PB-280479/7] p0284 N78-31727

Strong sensitizers  
[PB-280475/5] p0284 N78-31728

Acrylonitrile  
[PB-280478/9] p0310 N78-32713

## B

BATTELLE COLUMBUS LABS., OHIO.  
Space life sciences pilot user development program for the midwest region  
[NASA-CR-151819] p0251 N78-29723

BATTELLE PACIFIC NORTHWEST LABS., RICHLAND, WASH.  
Evaluating the effects of low-level chronic exposures  
[BNWL-SA-5997] p0089 N78-16614

Biological effects of static and low-frequency electromagnetic fields: An overview of United States literature  
[EPRI-EA-490-SR] p0204 N78-24793

Biological effects of high strength electric fields on small laboratory animals  
[HCP/T1830-03] p0313 N78-33706

Compilation and assessment of microwave bioeffects, AO-02-01/EA81028: A selective review of the literature on biological effects of microwaves in relation to the satellite power system  
[PNL-2634] p0315 N78-33720

BAYLOR UNIV., HOUSTON, TEX.  
Renal sodium reabsorption following induction of and recovery from volume expansion  
p0049 A78-17647

Evaporative water loss in man in a gravity-free environment  
p0297 A78-52543

BAYLOR UNIV., WACO, TEX.  
Cellular immune response: Experiment MA-031  
p0092 N78-17104

Polymorphonuclear leukocyte response: Experiment MA-032  
p0092 N78-17105

Killfish hatching and orientation: Experiment MA-161  
p0092 N78-17106

BIONETICS CORP., HAMPTON, VA.  
Advances in sterilization and decontamination: A survey  
[NASA-SP-5105] p0085 N78-16587

BIOSPHERICS, INC., ROCKVILLE, MD.  
Evidence for propagation of aerobic bacteria in particles suspended in gaseous atmospheres  
p0027 A78-15181

BOEING AEROSPACE CO., HOUSTON, TEX.  
Method and apparatus for eliminating luminol interference material  
[NASA-CASE-HSC-16260-1] p0109 N78-18674

BOEING AEROSPACE CO., SEATTLE, WASH.  
Windshield quality and pilot performance  
[AD-A048457] p0127 N78-19774

BOEING CO., HOUSTON, TEX.  
Fluid sample collection and distribution system  
[NASA-CASE-HSC-16841-1] p0166 N78-22590

Research and development of a luminol-carbon monoxide flow system  
[NASA-CR-156832] p0305 N78-32671

BOEING CO., HUNTSVILLE, ALA.  
Biological water quality monitoring using chemiluminescent and bioluminescent techniques  
[NASA-CR-156830] p0313 N78-33702

BOLT, BERANEK, AND NEWMAN, INC., CAMBRIDGE, MASS.  
Display analysis with the optimal control model of the human operator  
p0003 A78-12448

Repeated observation of an uncertain signal  
p0156 A78-34679

Closed loop models for analyzing the effects of simulator characteristics  
[AIAA 78-1592] p0291 A78-50667

A model for the pilot's use of motion cubes in roll-axis tracking tasks  
[AD-A043690] p0008 N78-10706

Biomechanical and performance response of man in six different directional axis vibration environments  
[AD-A052069] p0188 N78-23739

PIVIB: A computer program for analysis of pilot biodynamic and tracking response to vibration  
[AD-A052361] p0205 N78-24802

BOHN UNIV. (WEST GERMANY).  
Ultrastructural aspects of gravity-perceiving cells in cress roots  
p0172 N78-22648

BONNEVILLE POWER ADMINISTRATION, PORTLAND, OREG.  
Electrical and biological effects of transmission lines: A review  
[BPA-BIO-77-1] p0315 N78-33722

BOSTON UNIV., MASS.  
Some general principles of planetary quarantine leading to an assessment of the limitations to growth of micro-organisms on Uranus and Neptune  
p0028 A78-15188

BOWLING GREEN STATE UNIV., OHIO.  
The relationship between the acoustic reflex and loudness discomfort in normal and sensorineural ears  
p0085 N78-16590

BRANDEIS UNIV., WALTHAM, MASS.  
Proprioceptive information about target location suppresses autokinesis  
p0025 A78-14419

Some general principles of planetary quarantine leading to an assessment of the limitations to growth of micro-organisms on Uranus and Neptune  
p0028 A78-15188

Adaptation to delayed auditory feedback  
p0036 A78-16825

Incremental exposure facilitates adaptation to sensory rearrangement  
p0100 A78-26729

Postural illusions experienced during Z-axis recumbent rotation and their dependence upon somatosensory stimulation of the body surface  
p0134 A78-29561

Some influences of touch and pressure cues on human spatial orientation  
p0161 A78-36157

BRITISH LIBRARY LENDING DIV., BOSTON SPA (ENGLAND).  
Conditions for the testing of drugs in man  
[BLL-BTS-10883] p0063 N78-15668

BROOKHAVEN NATIONAL LAB., UPTON, N. Y.  
Visual phenomena induced by relativistic carbon ions with and without Cerenkov radiation  
p0239 A78-45077

Hazards of organic working fluids  
[BNL-50761] p0283 N78-31725

BROWN UNIV., PROVIDENCE, R. I.  
Lander imaging as a detector of life on Mars  
p0002 A78-11437

Gas transport in artificial lungs: Limitations and improvements  
p0005 N78-10688

Monocular and binocular brightness of monochromatic lights  
p0006 N78-10690

Adaptation to delayed auditory feedback in temporal synchronization tasks as evidence for a feedback control process in human timing  
p0007 N78-10699

Studies of orientation-contingent color after effects  
p0007 N78-10700

BRUSSELS UNIV. (BELGIUM).  
The application of in-vivo measurements of bone strain to Spacelab program. Preliminary results  
p0174 N78-22664

BUREAU OF MINES, PITTSBURGH, PA.  
Simulation of man's respiratory and metabolic functions by the automated breathing metabolic simulator  
[PB-278544/2] p0230 N78-27757

BUREAU OF RADIOLOGICAL HEALTH, ROCKVILLE, MD.  
Symposium on Biological Effects and Measurement of Radio Frequency/Microwaves  
[HEW-PUBL-(FDA)-77-8026] p0166 N78-22591



- Free-operand avoidance and escape from microwave radiation p0166 N78-22593
- Microwave absorption and taste aversion as a function of 915 MHz radiation p0166 N78-22594
- Interaction between microwave and neuroactive compounds p0166 N78-22597
- Broadband measurements of dielectric properties p0167 N78-22598
- A finite element technique for calculating induced internal fields and power deposition in biological media of complex irregular geometry exposed to plane wave electromagnetic radiation p0167 N78-22604
- Comparison of calculated absorbed dose rate distributions in phantom heads exposed to 2450 MHz and 915 MHz plane wave and slot sources p0167 N78-22605
- Change in average absorbed dose rate of a group of mice under repeated exposure to 915 MHz microwave radiation p0167 N78-22606
- New types of microwave diathermy applicators: Comparison of performance with conventional types p0168 N78-22608
- The effect of repetitive prenatal low-level microwave exposure on development in the rat p0168 N78-22610
- Are microwave cataracts thermally caused? p0169 N78-22616
- Heat-invoked changes in ascorbic acid levels on the rabbit eye p0169 N78-22617
- Physical mechanisms for biological effects of ultrasound [PB-282234/4] p0316 N78-33725
- C**
- CALIFORNIA INST. OF TECH., PASADENA.**
- Germination-defective mutant of *Neurospora crassa* that responds to siderophores p0217 A78-41823
- Collision detection and avoidance in computer controlled manipulators p0150 N78-21766
- On the mechanical properties of the human intervertebral disc [AD-A053036] p0247 N78-28787
- The processing of velocity information by the pursuit oculomotor system p0252 N78-29735
- Hysteresis in human binocular fusion: A second look p0314 N78-33711
- CALIFORNIA UNIV., BERKELEY.**
- Morphology of extremely heat-resistant spores from *Bacillus* sp. ATCC 27380 by scanning and transmission electron microscopy p0028 A78-15185
- Continuous 30-day measurements utilizing the monkey metabolism pod p0030 A78-15201
- Codons and nearest-neighbor nucleotide pairs in mammalian messenger RNA p0219 A78-42846
- A measure of the denseness of a phylogenetic network p0260 A78-47890
- Neutral changes during divergent evolution of hemoglobins p0260 A78-47893
- Continuous metabolic and cardiovascular measurements on a monkey subject during a simulated 6-day Spacelab mission p0269 A78-48719
- Physiological studies in space with nonhuman primates using the monkey pod p0009 N78-11665
- The pig-tailed monkey (*Macaca nemestrina*) as a space-flight candidate p0010 N78-11678
- Analysis of iron content in individual human red blood cells by electron microprobe and scanning electron microscope p0011 N78-11683
- Accumulated stress, reserve capacity, and disease p0011 N78-11684
- On the spatial breadth of spatial frequency channels in human visual detection p0039 N78-12654
- Influence of socially used drugs on vision and vision performance p0094 N78-17663
- Rotating disc induced hemolysis as influenced by disc material and blood chemistry p0123 N78-19748
- Influence of metabolic rate upon the metabolism of lactic acid and the oxidation of glucose, alanine and leucine p0143 N78-20745
- Metabolic and cardiovascular adaptation, monkey. NASA SMD 3, project 76, experiment 44 conducted at NASA/JSC, 14-25 May 1977 [NASA-CR-157159] p0203 N78-24784
- The effect of high altitude on pyridine nucleotides and adenosine phosphates in the liver of the rat p0279 N78-31689
- CALIFORNIA UNIV., BERKELEY. LAWRENCE BERKELEY LAB.**
- Apollo-Soyuz light-flash observations p0029 A78-15191
- Effects of radiation upon the light-sensing elements of the retina as characterized by scanning electron microscopy p0029 A78-15197
- Health and safety impacts of nuclear, geothermal, and fossil-fuel electric generation in California. Volume 2: Radiological health and related standards for nuclear power plants [LBL-5285-VOL-2] p0146 N78-20769
- Potential of arid zone vegetation as a source of substrates [LBL-7214] p0245 N78-28777
- Dedicated medical ion accelerator design study [LBL-7230] p0248 N78-28791
- Permentation and hydrocarbons [LBL-7270] p0275 N78-30800
- CALIFORNIA UNIV., BERKELEY. LAWRENCE RADIATION LAB.**
- Light flash observations: Experiment MA-106 p0091 N78-17100
- CALIFORNIA UNIV., DAVIS.**
- The effect of increased gravitational stress on bone p0030 A78-15206
- Plasma  $/Na^{+}/$ ,  $/Ca^{++}/$ , and volume shifts and thermoregulation during exercise in man p0053 A78-18573
- Fluid-electrolyte shifts and maximal oxygen uptake in man at simulated altitude /2,287 m/ p0192 A78-36602
- Response of the iron-deficient erythrocyte in the rat to hyperoxia p0192 A78-36605
- Body mass, composition, and food intake in rabbits during altered acceleration fields p0235 A78-43788
- Controlled cellular energy conversion in brown adipose tissue thermogenesis p0299 A78-52698
- Effect of altered gravity on temperature regulation in mammals: Investigation of gravity effect on temperature regulation in mammals [NASA-CR-157570] p0275 N78-30797
- CALIFORNIA UNIV., LA JOLLA.**
- Detection of optical asymmetry in amino acids by gas chromatography for extraterrestrial space exploration - Results of a new soil processing scheme with breadboard instrumentation p0027 A78-15179
- The division of attention and the human auditory evoked potential p0105 A78-27748
- Long-latency evoked potentials to irrelevant, deviant stimuli p0105 A78-27749
- Continuous distributions of specific ventilation recovered from inert gas washout p0131 A78-29033
- Emptying patterns of the lung studied by multiple-breath N2 washout p0131 A78-29034

- Elasticity of excised dog lung parenchyma  
p0258 A78-47206
- CALIFORNIA UNIV., LIVERMORE. LAWRENCE LIVERMORE LAB.  
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280-crystal positron ring for dynamic  
transverse section emission imaging  
[LRL-5679] p0283 N78-31721
- CALIFORNIA UNIV., LOS ANGELES.  
Biofeedback and self-regulation in essential  
hypertension  
[AD-A046774] p0066 N78-15687
- A new model of nerve action potential and the  
existence of a pulse solution  
p0109 N78-18676
- Pupillometric signs of brain activation vary  
with level of cognitive processing  
[AD-A050029] p0149 N78-21757
- Activation and sustained attention: A  
pupillometric study of an auditory vigilance  
task  
[AD-A050040] p0149 N78-21759
- Behavioral protocols and preliminary  
observations of chicks exposed to weak  
amplitude modulated 450 MHz fields  
p0166 N78-22595
- Calcium binding in cerebral tissue  
p0168 N78-22612
- Development of neurophysiological and behavioral  
metrics of human performance  
[AD-A053018] p0232 N78-27770
- Development of a visibility research capability  
[PB-278152/4] p0233 N78-27778
- Hypoxic conditioning in kittens: Sleep-waking  
state and cardiorespiratory responses  
p0245 N78-28774
- CALIFORNIA UNIV., SAN FRANCISCO.  
Hormonal indices of tolerance to +Gz  
acceleration in female subjects  
p0215 A78-41162
- Illumination-dependent changes in the intrinsic  
fluorescence of bacteriorhodopsin  
p0267 A78-48578
- Methionine transport in Halobacterium halobium  
vesicles - Noncompetitive, asymmetric  
inhibition by L-Cysteine  
p0267 A78-48579
- Electrophysiologic and pharmacologic properties  
of mammalian sensory neurons  
p0227 N78-27732
- CALIFORNIA UNIV., SANTA BARBARA.  
The effect of nitrogen dioxide on lung function  
in normal subjects  
[PB-277671/4] p0225 N78-26731
- CALSPAN CORP., BUFFALO, N. Y.  
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military tactical flight training. Volume 2:  
Assessment based on literature survey  
[AD-A040607] p0096 N78-17672
- Interfacial biophysics of materials in contact  
with blood  
[PB-277928/8] p0225 N78-26732
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conversion and the hill reaction  
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screening studies for human factors  
engineering research  
[AD-A050361] p0147 N78-20774
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screening studies for human factors  
engineering research, revision  
[AD-A056985] p0318 N78-33743
- CAPE TOWN UNIV. (SOUTH AFRICA).  
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properties of human skin and subcutaneous tissue  
p0179 N78-22700
- CARNEGIE-MELLON UNIV., PITTSBURGH, PA.  
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[AD-A046857] p0068 N78-15699
- CASE WESTERN RESERVE UNIV., CLEVELAND, OHIO.  
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on implant biocompatibility and soft tissue  
attachment  
[NASA-CR-135311] p0109 N78-18672
- Investigations of the biological effects of  
radiation: A multi-discipline approach  
[COO-2486-366] p0149 N78-21760
- Implantable telemetry system for intracranial  
pressure monitoring and its application for  
acetazolamide study  
p0229 N78-27743
- CATHOLIC UNIV. OF AMERICA, WASHINGTON, D. C.  
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p0064 N78-15671
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leading to an assessment of the limitations to  
growth of micro-organisms on Uranus and Neptune  
p0028 A78-15188
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Evaluating the work load of helicopter pilots.  
In-flight recordings of heart rate and cardiac  
arrhythmia  
p0090 N78-16626
- CENTRE DE RECHERCHES DE MEDECINE AERONAUTIQUE,  
PARIS (FRANCE).  
Electrical impedance and mechanography, methods  
of cardio-vascular investigation in space  
p0169 N78-22625
- Vision and spaceflights  
p0172 N78-22642
- Determination of the biomechanical parameters of  
man's vertebromuscular axis  
p0174 N78-22666
- CENTRE HOSPITALIER UNIVERSITAIRE RANGUEIL, TOULOUSE  
(FRANCE).  
Cerebral circulation in weightlessness:  
Comparison and validation of different methods  
p0170 N78-22626
- CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, PARIS  
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Visual-vestibular interaction during linear motion  
p0170 N78-22634
- CHAMBER OF MINES, JOHANNESBURG (SOUTH AFRICA).  
Development and evaluation of heat transfer  
equations for a model of clothed man  
p0182 N78-22722
- CHEMICAL LAB. RVO-TNO, RIJSDWIJK (NETHERLANDS).  
Determination of the concentration of cadmium  
aerosol and of some other contaminants present  
in the atmosphere of a submarine of the Royal  
Dutch Navy  
[CL-1976-23] p0227 N78-26744
- CHILDRENS HOSPITAL MEDICAL CENTER, BOSTON, MASS.  
Effects of exercise and excitement on mesenteric  
and renal dynamics in conscious, unrestrained  
baboons  
p0104 A78-27124
- Extent of utilization of the Frank-Starling  
mechanism in conscious dogs  
p0154 A78-33522
- CINCINNATI UNIV., OHIO.  
Some latency and relaxation measures of the  
acoustic reflex in response to white noise and  
pure tones, in subjects with normal hearing  
and subjects with sensorineural hearing loss  
p0087 N78-16600
- Multi-rigid-body system dynamics with  
applications to human-body models and  
finite-segment cable models  
[AD-A052868] p0227 N78-26743
- CITY UNIV. OF NEW YORK.  
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processing  
[AD-A048647] p0120 N78-18760
- CIVIL AEROMEDICAL INST., OKLAHOMA CITY, OKLA.  
A study of effects of hyperthermia on large,  
short-haired male dogs: A simulated air  
transport environmental stress  
[AD-A040432/7] p0005 N78-10683
- Inhalation toxicology: 1. Design of a  
small-animal test system. 2. Determination  
of the relative toxic hazards of 75 aircraft  
cabin materials  
[AD-A043646] p0011 N78-11681
- Altitude tolerance of general aviation pilots  
with normal or partially impaired spirometric  
function  
[AD-A044557] p0040 N78-12656
- Perceived orientation of a runway model in  
nonpilots during simulated night approaches to  
landing  
[AD-A044553] p0041 N78-12668

- The effect of increased monitoring load on vigilance performance using a simulated radar display  
[AD-A044558] p0041 N78-12669
- Refractive error characteristics of early and advanced presbyopic individuals  
[AD-A044555/1] p0065 N78-15684
- Effects of lithium carbonate on performance and biomedical functions  
[AD-A044824/1] p0066 N78-15685
- Readability of alphanumeric characters having various contrast levels as a function of age and illumination mode  
[AD-A044554/4] p0066 N78-15691
- Objective methods for developing indices of pilot workload  
[AD-A044556/9] p0067 N78-15695
- The role of monamine oxidase inhibition in the acute toxicity of chlordimeform  
[AD-A045507] p0093 N78-17656
- Stress in air traffic personnel: Low-density towers and flight service stations  
[AD-A046826] p0094 N78-17657
- Job attitudes of airway facilities personnel  
[AD-A046412] p0096 N78-17671
- Functional localization in the nucleus rotundus  
[AD-A047717/4] p0122 N78-19743
- Disorientation training in FAA-certificated flight and ground schools: A survey  
[AD-A047718/2] p0126 N78-19768
- Effects of ethanol on visual unit activity in the thalamus  
[AD-A050922] p0148 N78-21754
- Aircrew and passenger protective breathing equipment studies  
[AD-A051002] p0150 N78-21768
- Passenger flow rates between compartments: Straight-segmented stairways, spiral stairways, and passageways with restricted vision and changes of attitude  
[AD-A051485] p0205 N78-24797
- Evaluation of seating and restraint systems and anthropomorphic dummies conducted during fiscal year 1976  
[AD-A051691] p0205 N78-24798
- Spatial disorientation in general aviation accidents  
[AD-A053230] p0230 N78-27755
- Radiobiological aspects of high altitude flight: Relative biological effectiveness of fast neutrons in suppressing immune capacity to an infective agent  
[AD-A053204] p0230 N78-27756
- A comparison of the vigilance performance of men and women using a simulated radar task  
[AD-A053674] p0232 N78-27769
- Human respiratory considerations for civil transport aircraft oxygen system  
[AD-A053223] p0233 N78-27773
- Child restraint systems for civil aircraft  
[AD-A053565] p0233 N78-27774
- Comparison of the visual perception of a runway model in pilots and nonpilots during simulated night landing approach  
[AD-A054450] p0249 N78-28806
- Use of the occupational knowledge test to assign extra credit in selection of air traffic controllers  
[AD-A053675] p0277 N78-30818
- Three reports relevant to stress in aviation personnel  
[AD-A051690] p0308 N78-32699
- Development of the aviation stress protocol: Simulation and performance, physiological, and biochemical monitoring systems, phase 1  
p0309 N78-32700
- Assessment of cardiovascular function after exposure to the aviation stress protocol: Simulation  
p0309 N78-32701
- The relationship between stress-related metabolites and disqualifying pathology in air traffic control personnel  
p0309 N78-32702
- Three-dimensional anthropometry of the adult face  
[AD-A054938] p0309 N78-32705
- The effects of altitude and two decongestant-antihistamine preparations on physiological functions and performance  
[AD-A054793] p0309 N78-32706
- Cardiorespiratory assessment of decongestant-antihistamine effects on altitude, Gz, and fatigue tolerances  
[AD-A055089] p0310 N78-32707
- Aeromedical implications of the X-Chrom lens for improving color vision deficiencies  
[AD-A054794] p0310 N78-32708
- Experimental attempts to evoke a differential response to different stressors  
[AD-A054795] p0311 N78-32716
- The relationship of predevelopmental 150 training with noncompetitively selected air traffic control trainees to FAA Academy success  
[AD-A055009] p0312 N78-32722
- Evaluation of seating and restraint systems and anthropomorphic dummies conducted during fiscal year 1977  
[AD-A056905] p0317 N78-33737
- CIVIL SERVICE COMMISSION, WASHINGTON, D.C.  
Stability of characteristics of alternate forms of a test battery  
[PB-280958/0] p0311 N78-32719
- CLARKSON COLL. OF TECHNOLOGY, POTSDAM, N.Y.  
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p0239 A78-45077
- CLEMSON UNIV., S.C.  
The influence of anatomical variations on voltage in the 12 lead electrocardiogram  
p0064 N78-15670
- Dynamic hyperfiltration membranes for high-temperature spacecraft wash water recycle  
[NASA-CR-151689] p0150 N78-21767
- CLERMONT-FERRAND UNIV. (FRANCE).  
Effects of X-rays on the rat retina and on rhodopsin  
p0172 N78-22644
- CLINICAL RESEARCH CENTRE, LONDON (ENGLAND).  
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p0170 N78-22630
- COLORADO STATE UNIV., FORT COLLINS.  
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p0260 A78-47892
- Transcutaneous measurement of volume blood flow  
[NASA-CR-155233] p0012 N78-11691
- Effects of maturation and hypoxia on skeletal muscle  
p0085 N78-16584
- COLUMBIA UNIV., NEW YORK.  
Until the sun dies  
p0084 A78-24100
- Sweating response: A means of evaluating the set-point theory during exercise  
p0005 N78-10687
- Development and clinical evaluation of blood gas sensors for continuous monitoring (adult and neonate)  
[PB-271809/6] p0045 N78-13736
- COLUMBIA UNIV. TEACHERS COLL., NEW YORK.  
The effect of temporal parameters on the suprathreshold continuous/interrupted separation in normal hearing subjects  
p0064 N78-15675
- The relationship between comfortable loudness range and most comfortable loudness for pure tones and speech in sensorineural hearing loss  
p0308 N78-32698
- COMMITTEE ON SCIENCE AND TECHNOLOGY (U. S. HOUSE).  
Possibility of intelligent life elsewhere in the universe  
[GPO-98-185] p0063 N78-14791
- COMPUTER SCIENCES CORP., MOUNTAIN VIEW, CALIF.  
The effect of a visual/motion display mismatch in a single axis compensatory tracking task  
[NASA-CR-2921] p0007 N78-10701
- CONNECTICUT UNIV., FARMINGTON.  
Toxicology and metabolism of nickel compounds  
[COO-3140-36] p0225 N78-26728
- CONNECTICUT UNIV., STORRS.  
A design procedure for control/display systems  
p0003 A78-12447
- Some new control theoretic models for human operator display monitoring  
p0019 A78-13446

- Detection by pilots of system failures during instrument landings p0089 A78-17740
- A crossed beam Doppler ultrasound concept for improved detection of atherosclerosis [PB-276859/6] p0187 N78-23737
- COOPER (GEORGE B.), SARATOGA, CALIF.  
A survey of the status of and philosophies relating to cockpit warning systems [NASA-CR-152071] p0086 N78-13746
- CORNELL UNIV., ITHACA, N. Y.  
Lander imaging as a detector of life on Mars p0002 A78-11437
- Ultraviolet-photoproduced organic solids synthesized under simulated Jovian conditions - Molecular analysis p0105 A78-28049
- CORNELL UNIV., NEW YORK.  
Separation of lymphocytes by electrophoresis under terrestrial conditions and at zero gravity, phase 3 [NASA-CR-151702] p0108 N78-21753
- COUNCIL FOR SCIENTIFIC AND INDUSTRIAL RESEARCH, PRETORIA (SOUTH AFRICA).  
Instrumentation for the measurement of the evaporative and radiative heat loss rates from man in a normal working mode p0278 N78-30819
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- DEANZA COLL., CUPERTINO, CALIF.  
Transfer of training on manual control systems differing in short period frequency and damping characteristics p0133 A78-29541
- DEFENCE AND CIVIL INST. OF ENVIRONMENTAL MEDICINE, DOWNSVIEW (ONTARIO).  
Measurement of heat stress: Kiowa and Musketeer cockpits [AD-A046388] p0066 N78-15686
- Instruments and methodology for the assessment of physiological cost of performance of stressful continuous operations: The air traffic services tower environment p0287 N78-31752
- DEFENCE RESEARCH ESTABLISHMENT SUFFIELD, RALSTON (ALBERTA).  
Effect of atropine upon the cerebrovascular system during GD-induced respiratory depression [AD-A054807] p0276 N78-30811
- DEFENSE SYSTEMS MANAGEMENT SCHOOL, FORT BELVOIR, VA.  
Human factors engineering in Air Force weapon systems acquisition [AD-A043207] p0015 N78-11716
- DEPARTMENT OF TRANSPORT AND CIVIL AVIATION, MELBOURNE (AUSTRALIA).  
Full force capabilities for parachute ripcord release [MEMO-33] p0312 N78-32723
- DESMATICS, INC., STATE COLLEGE, PA.  
Prediction of motion sickness incidence: A statistical examination of three approaches [AD-A044060] p0042 N78-12674
- DEUTSCHE FORSCHUNGS- UND VERSUCHSANSTALT FUER LUFT- UND RAUMFAHRT, BAD GODESBERG (WEST GERMANY).  
Preliminary investigation of using the centrifuge and light aircraft for training payload specialists [DLR-IB-355-76/06] p0044 N78-13734
- Endocrine-metabolic cost of piloting F-104 G aircraft p0091 N78-16629
- Development of the vestibulum of frog embryos and larvae on the fast running clinostat p0171 N78-22641
- Results of radiobiological spaceflight experiments [AD-1047173] p0173 N78-22655
- Radiobiological problems of exobiology p0173 N78-22657
- DEUTSCHE FORSCHUNGS- UND VERSUCHSANSTALT FUER LUFT- UND RAUMFAHRT, BRUNSWICK (WEST GERMANY).  
A study on pilot's workload in helicopter operation under simulated IMC employing a forward looking sensor p0091 N78-16627
- Flight performance and pilot workload in helicopter flight under simulated IMC employing a forward looking sensor p0091 N78-16630
- DEUTSCHE FORSCHUNGS- UND VERSUCHSANSTALT FUER LUFT- UND RAUMFAHRT, HAMBURG (WEST GERMANY).  
Activities of the Department of Aviation Psychology concerning the consultancy contract with the Deutsche Lufthansa AG [DLR-IB-355-75/01] p0013 N78-11698
- Psychological aptitude test of aviation personnel from Malawi [DLR-IB-355-75/03] p0013 N78-11699
- Relation between pulse rate during the complex coordination test and several psychological measures of effort and stress [DLR-IB-355-75/04] p0013 N78-11700
- Human factors in flight safety [DLR-IB-355-75/02] p0016 N78-11722
- Mobile small simulator for tracking and multitasking tests [DLR-IB-355-75/06] p0016 N78-11723
- Effect of acceleration on brain metabolites [DLR-IB-355-76/05] p0044 N78-13733
- Research activities of the DFVLR Department of Aviation Psychology concerning the consultancy contract of the Deutsche Lufthansa AG [DLR-IB-355-76/01] p0045 N78-13741
- Psychological selection of applicants for a flying career [DLR-IB-355-76/02] p0045 N78-13742
- Investigation of personality characteristics of flight trainees and professional pilots [DLR-IB-355-76/03] p0046 N78-13743
- Selection strategy and psychological tests for aptitude investigation of applicants for pilot training at the Deutsche Lufthansa [DLR-IB-355-76/04] p0046 N78-13744
- Psychological selection of application for flight mechanic training [DLR-IB-355-77/03] p0062 N78-14783
- Subjective ratings of flying qualities and pilot workload in the operation of a short haul jet transport aircraft p0091 N78-16631
- DEUTSCHE FORSCHUNGS- UND VERSUCHSANSTALT FUER LUFT- UND RAUMFAHRT, OBERPFAPFENHOFEN (WEST GERMANY).  
A procedure for the evaluation of physiological measurements [DLR-IB-552-77/9] p0062 N78-14780
- DEUTSCHE FORSCHUNGSANSTALT FUER PSYCHIATRIE (MAX-PLANCK-INSTITUT), MUNICH (WEST GERMANY).  
Diagnosis of Alcoholism: The Munich Alcoholism Test (MAT) p0094 N78-17662
- DEUTSCHE SPORTHOGSCHULE, COLOGNE (WEST GERMANY).  
Circulatory, renal and endocrine reactions on simulated weightlessness dependent on physical fitness state p0170 N78-22629
- DRAPER (CHARLES STARK) LAB., INC., CAMBRIDGE, MASS.  
Perseveration effects in detection tasks with correlated decision intervals p0083 A78-23999
- DREXEL UNIV., PHILADELPHIA, PA.  
Maximum expiratory flow, diffusion and CO2 elimination during liquid ventilation p0165 N78-22582
- DUKE UNIV., DURHAM, N. C.  
The origin of cataracts in the lens from infrared laser radiation [AD-A046165] p0061 N78-14779
- A technique for the in situ spectroscopic analysis of sodium concentrations in sweat p0063 N78-15669
- Nerve form and function: Some cellular aspects of action potential initiation and propagation p0112 N78-18698
- The biomedical effects of the hyperbaric environment [AD-A047173] p0146 N78-20766
- Determining the number and positions of measuring locations for body surface potential mapping p0228 N78-27740
- DUNLAP AND ASSOCIATES, INC., LA JOLLA, CALIF.  
Methods to assess pilot workload and other temporal indicators of pilot performance effectiveness p0091 N78-16630
- DYNAMICS RESEARCH CORP., WILMINGTON, MASS.  
Integration and application of human resource

technologies in weapon system design  
[AD-A053681] p0255 N78-29756  
Integration and application of human resource  
technologies in weapon system design:  
Coordination of five human resource technologies  
[AD-A053680] p0255 N78-29757  
**DYNATECH R/D CO., CAMBRIDGE, MASS.**  
Development of a synthetic polymer burn covering  
[AD-A042859] p0095 N78-17667  
**DYNATHERM CORP., COCKEYSVILLE, MD.**  
Jet pump assisted arterial heat pipe  
[AIAA 78-443] p0158 A78-35622

## E

**ELECTRO-VOICE, INC., BUCHANAN, NICH.**  
Linear noise-attenuating earphone  
[AD-A048846] p0127 N78-19775  
**ELECTROTECHNICAL LAB., TOKYO (JAPAN).**  
Spatial frequency responses of the human visual  
system  
[CIRC-193] p0187 N78-23735  
**EMORY UNIV., ATLANTA, GA.**  
Complementary laminar terminations of afferents  
to area 17 originating in area 18 and in the  
lateral geniculate nucleus in squirrel monkey  
p0219 A78-42822  
The Orbiting Primate Experiment (OPB)  
p0009 N78-11666  
Vestibular functions and sleep in space  
experiments  
p0009 N78-11670  
Cardiovascular studies using the chimpanzee (Pan  
troglodytes)  
p0010 N78-11672  
The rhesus monkey (Macaca mulatta) as a flight  
candidate  
p0010 N78-11674  
Consideration of other primate species as flight  
animals  
p0010 N78-11679  
**ENERGY RESEARCH CORP., DANBURY, CONN.**  
Development of a prototype regeneration carbon  
dioxide absorber  
[NASA-CR-152063] p0147 N78-20773  
**ENVIRONMENTAL MONITORING AND SUPPORT LAB., LAS  
VEGAS, NEV.**  
Distribution of phytoplankton in Tennessee lakes  
[PB-280139/7] p0276 N78-30803  
Distribution of phytoplankton in Ohio lakes  
[PB-280140/5] p0276 N78-30804  
**ENVIRONMENTAL RESEARCH LAB., NARRAGANSETT, R.I.**  
Annotated bibliography on biological effects of  
metals in aquatic environments, 3d  
[PB-280953/1] p0311 N78-32715  
**ESSEX CORP., ALEXANDRIA, VA.**  
Human factors engineering. Part 1: Test  
procedures  
[AD-A051481] p0205 N78-24800  
Human factors engineering. Part 2: HEDGE  
[AD-A051482] p0205 N78-24801  
**EUROPEAN SPACE AGENCY, PARIS (FRANCE).**  
The influence of the journey's time of day on  
the de- and resynchronization of the 24-hour  
rhythm of body and temperature after  
transatlantic flights  
[ESA-TT-420] p0113 N78-18708  
Life-sciences research in space  
[ESA-SP-130] p0169 N78-22619  
Life sciences selected experiments for the first  
joint NASA/ESA Spacelab mission  
p0169 N78-22622  
Validation of a model of a human pilot  
p0245 N78-28050

## F

**FACHHOCHSCHULE, MÜNICH (WEST GERMANY).**  
Pressure measurements of the wall after  
bifurcations and visual observation of  
streaming fluid in glass models of bifurcations  
p0179 N78-22699  
**FEDERAL AVIATION ADMINISTRATION, WASHINGTON, D. C.**  
Cosmic radiation exposure in subsonic air  
transport  
p0140 A78-31845  
Psychophysiological effects of aging: Developing  
a functional age index for pilots. 1. A  
survey of the pertinent literature

[AD-A040322/0] p0006 N78-10694  
Development of new selection tests for air  
traffic controllers  
[AD-A049049] p0181 N78-22716  
Radar training facility program implementation  
plan  
[AD-A050319/3] p0189 N78-23747  
**FITZPATRICK ENGINEERING, SANTA BARBARA, CALIF.**  
Vehicle integration and evaluation of advanced  
restraint systems. Restraint system analysis  
report  
[PB-281475/4] p0319 N78-33744  
**FLORIDA AGRICULTURAL AND MECHANICAL UNIV.,  
TALLAHASSEE.**  
Regulation of the adrenal cortex function during  
stress  
[NASA-CR-157397] p0276 N78-30808  
**FLORIDA STATE UNIV., TALLAHASSEE.**  
The effects of different speakers on the word  
discrimination scopes of persons with  
sensori-neural hearing impairment  
p0064 N78-15674  
High sensitivity Fourier transform NMR.  
Intermolecular interactions between  
environmental toxic substances and biological  
macromolecules  
[PB-274011/6] p0109 N78-18675  
**FLORIDA UNIV., GAINESVILLE.**  
The energetics of isolated cardiac muscle  
p0246 N78-28780  
**FORSCHUNGSINSTITUT FUER ANTHROPOTECHNIK, HECKENHEIM  
(WEST GERMANY).**  
Human engineering evaluation of a cockpit  
display/input device using a touch sensitive  
screen  
p0223 N78-26056  
**FRANKLIN INST. RESEARCH LABS., PHILADELPHIA, PA.**  
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electromagnetic radiation Volume 2: Number  
2, December 1977  
[AD-A047647] p0113 N78-18705  
Computer simulation of human thoracic skeletal  
response: Abstract summary report  
[PB-276705/1] p0180 N78-22708  
Computer simulation of human thoracic skeletal  
response-theory, volume 1  
[PB-276706/9] p0180 N78-22709  
Biological effects of nonionizing  
electromagnetic radiation, volume 2, no. 3,  
March 1978  
[AD-A052779] p0247 N78-28786  
A literature review: Problem definition studies  
on selected toxic chemicals. Volume 6:  
Occupational health and safety and  
environmental aspects of urea-formaldehyde  
resins  
[AD-A054991] p0282 N78-31716  
A literature review: Problem definition studies  
on selected toxic chemicals. Volume 4:  
Occupational health and safety aspects of the  
fog oils SGF No. 1 and SGF No. 2 and smoke  
screens generated from them  
[AD-A055903] p0310 N78-32709  
**FRIE UNIV., BERLIN (WEST GERMANY).**  
The measurement of tissue thickness and tissue  
compliance in man  
p0170 N78-22627  
Cardio-respiratory adaptation and central blood  
volume during weightlessness  
p0170 N78-22628

## G

**GENERAL ACCOUNTING OFFICE, WASHINGTON, D. C.**  
Federal human nutrition research needs a  
coordinated approach to advance nutrition  
knowledge, volume 1  
[PB-278850/3] p0233 N78-27776  
Federal human nutrition research needs a  
coordinated approach to advance nutrition  
knowledge, volume 2  
[PB-278851/1] p0233 N78-27777  
Efforts by the Environmental Protection Agency  
to protect the public from environmental  
nonionizing radiation exposures  
[PB-279483/2] p0254 N78-29746  
**GENERAL ELECTRIC CO., HOUSTON, TEX.**  
Observations in energy balance in man during  
spaceflight

- Evaporative water loss in man in a gravity-free environment p0048 A78-17645
- Physiological spacecraft environment data documentation [NASA-CR-151589] p0297 A78-52543
- GENERAL ELECTRIC CO., SCHENECTADY, N. Y. Urine monitoring system failure analysis and operational verification test report [NASA-CR-151828] p0061 W78-14778
- Development and evaluation of an ultrasonic imaging system [PB-279834/6] p0278 W78-30820
- GENTEX CORP., CARBONDALE, PA. Optimization of the material for construction of the new protective mask [AD-A053331] p0284 W78-31729
- GEORGE WASHINGTON UNIV., WASHINGTON, D. C. An investigation of the relationship of the evoked potential to various modes of visual stimulation p0209 W78-25769
- Cardiovascular function during a reaction time task and mental arithmetic p0005 W78-10689
- The frequency following response in humans p0246 W78-28778
- The effects of supranormal concentrations of potassium ion and other vasoactive drugs on the visual evoked response and regional cerebral blood flow in the monkey brain p0252 W78-29734
- GEORGE WASHINGTON UNIV. MEDICAL CENTER, WASHINGTON, D.C. Light and electron microscopic observations on the blood-brain barrier after microwave irradiation p0313 W78-33701
- GEORGETOWN UNIV., WASHINGTON, D.C. Origins of prokaryotes, eukaryotes, mitochondria, and chloroplasts p0168 W78-22611
- Three-dimensional reconstruction and display of anatomical and pathological structures from their serial sections p0080 A78-21874
- GEORGIA INST. OF TECH., ATLANTA. RF dielectric properties measurement system: Human and animal data [PB-274776/4] p0086 W78-16598
- Automated tracking of the Florida manatee (*Trichechus manatus*) [NASA-CR-157040] p0114 W78-18711
- Fast neutron depth dose distributions in a heterogeneous phantom p0207 W78-25752
- GHEWT UNIV. (BELGIUM). Effects of space environment on organism development p0314 W78-33712
- GLASGOW UNIV. (SCOTLAND). The relationship of gravity to vestibular studies p0173 W78-22660
- GREENFIELD, ATTAWAY AND TYLER, INC., SAN RAFAEL, CALIF. Nitrogen oxides: Current status of knowledge [EPRI-EA-668] p0171 W78-22637
- HAMILTON STANDARD, WINDSOR LOCKS, CONN. Outfitting for space [AIAA PAPER 78-327] p0283 W78-31723
- Flight prototype CO2 and humidity control system [NASA-CR-151591] p0084 A78-24021
- HARDIN-SIMMONS UNIV., ABILENE, TEX. Isolation and characterization of omnitherms and facultative anaerobes from Cape Canaveral soil samples p0067 W78-15694
- Anaerobic utilization of phosphite/phosphine as a sole source of phosphorus - Implication to growth in the Jovian environment p0028 A78-15183
- Dry-heat resistance of selected psychrophiles p0028 A78-15186
- Response of terrestrial microorganisms to a simulated Martian environment p0105 A78-27897
- Anaerobic utilization of phosphite and hypophosphite by *Bacillus* sp. p0301 A78-53624
- HARRY DIAMOND LABS., ADELPHI, MD. Solid-state ultrasonic catheter-tip flowmeter [AD-A050963] p0301 A78-53625
- HARVARD MEDICAL SCHOOL, BOSTON, MASS. Environmental synchronizers of squirrel monkey circadian rhythms p0253 W78-29740
- Cortisol-mediated synchronization of circadian rhythm in urinary potassium excretion p0033 A78-15520
- Thermoregulation is impaired in an environment without circadian time cues p0049 A78-17646
- Extent of utilization of the Frank-Starling mechanism in conscious dogs p0084 A78-24818
- Circadian rhythm dissociation in an environment with conflicting temporal information p0154 A78-33522
- HARVARD SCHOOL OF PUBLIC HEALTH, BOSTON, MASS. Physiological response to atmospheric pollutants [PB-280413/6] p0299 A78-52699
- HARVARD UNIV., BOSTON, MASS. Effects of exercise and excitement on mesenteric and renal dynamics in conscious, unrestrained baboons p0284 W78-31731
- Comparison of synchronization of primate circadian rhythms by light and food p0104 A78-27124
- HARVARD UNIV., CAMBRIDGE, MASS. Cortisol-mediated synchronization of circadian rhythm in urinary potassium excretion p0134 A78-29640
- HAWAII UNIV., HONOLULU. The permuted generator hypothesis for the origin of a genetic code p0049 A78-17646
- Growth of fungi in NaCl-MgSO4 brines p0138 A78-31383
- Volcanism and soil mercury on Mars - Consequences for terrestrial microorganisms p0268 A78-48653
- Gravity as a biochemical determinant p0268 A78-48670
- HEALTH EFFECTS RESEARCH LAB., RESEARCH TRIANGLE PARK, N. C. Human exposure system for controlled ozone atmospheres p0269 A78-48671
- Air quality criteria for lead [PB-276618/6] p0180 W78-22710
- HEALTH SERVICES MOBILITY STUDY, NEW YORK. Using task data in diagnostic radiology. Volume 2: Curriculum objectives for radiologic technology [PB-270460/9] p0284 W78-31730
- Using task data in diagnostic radiology. Volume 1. Job ladders: Assigning tasks to jobs [PB-270459/1] p0041 W78-12663
- HEBREW UNIV., JERUSALEM (ISRAEL). Peptide formation in the prebiotic era - Thermal condensation of glycine in fluctuating clay environments p0041 W78-12664
- Virus concentration by hollow fiber membranes: Where to now? p0215 A78-41220
- HOUSTON UNIV., TEX. Psychophysiological aspects of time perception (the memory of speed) p0206 W78-25746
- The role of cell membranes in the regulation of lignification in pine cells [NASA-CR-157156] p0006 W78-10691
- HOWARD UNIV., WASHINGTON, D. C. Phytanyl-glycerol ethers and squalenes in the archaeobacterium *Methanobacterium thermoautotrophicum* p0203 W78-24783
- Cardiovascular studies using the chimpanzee (*Pan troglodytes*) p0260 A78-47892
- HUMAN ENGINEERING LABS., ABERDEEN PROVING GROUND, MD. A human factors evaluation of an experimental p0010 W78-11672

- reversible extreme cold weather clothing ensemble  
[AD-A046620] p0067 N78-15696
- Physiological correlates of performance in a long duration repetitive visual task  
[AD-A043047] p0095 N78-17666
- Examination of auditory attention and visual evoked potentials  
[AD-A042619] p0097 N78-17682
- Human Engineering Laboratory Identification Friend or Foe test (HELIPP)  
[AD-A048784] p0121 N78-18768
- Use of eye-movement measures to establish design parameters for helicopter instrument panels  
p0286 N78-31748
- An annotated bibliography of the literature dealing with the physiological correlates of cognitive performance  
[AD-A057113] p0317 N78-33733
- HUMAN FACTORS RESEARCH, INC., GOLETA, CALIF.  
Functional requirements and other design features of a manned system research facility  
[AD-A044234] p0042 N78-12672
- HUMAN RESOURCES RESEARCH ORGANIZATION, ALEXANDRIA, VA.  
US Navy fleet aviation training program development  
[AD-A055788] p0284 N78-31734
- IBM FEDERAL SYSTEMS DIV., OWEGO, N. Y.  
Program documentation for the head switching software package  
[AD-A046175] p0063 N78-14788
- IIT RESEARCH INST., CHICAGO, ILL.  
Market study phase 2 follow-up activity. The Baylor Mark 3 Haploscope  
[NASA-CR-156141] p0145 N78-20758
- Thermal model of laser-induced skin damage: Computer program operator's manual  
[AD-A053416] p0253 N78-29738
- Laser-induced thermal damage of skin  
[AD-A054612] p0276 N78-30810
- ILC INDUSTRIES, INC., FREDERICK, DEL.  
Development of a fire protective overgarment for use by air carrier flight attendants  
[AD-A042329/31] p0013 N78-11703
- ILLINOIS UNIV. AT THE MEDICAL CENTER, CHICAGO.  
Effects of noise and hearing acuity upon visual depth perception and safety among humans  
[PR-280365/8] p0277 N78-30812
- ILLINOIS UNIV. AT URBANA-CHAMPAIGN, SAVOY.  
How big the moon, how fat the eye?  
[AD-A050211] p0149 N78-21756
- Evaluation of the transfer and cost effectiveness of a complex computer-assisted flight procedure trainer  
[AD-A050413] p0150 N78-21764
- Adaptive training of perceptual motor skills: Issues, results and future directions  
[AD-A050461] p0150 N78-21765
- Human performance in aviation systems  
[AD-A050078] p0151 N78-21771
- ILLINOIS UNIV., SAVOY.  
The isolation of minimum sets of visual image cues sufficient for spatial orientation during aircraft landing approaches  
[AD-A046369] p0068 N78-15700
- The effects of participatory mode and task workload on the detection of dynamic system failures  
[AD-A050210] p0147 N78-20775
- ILLINOIS UNIV., URBANA.  
Endosymbionts and mitochondrial origins  
p0049 A78-17851
- Human problem solving performance in a fault diagnosis task  
p0153 A78-32673
- A model of human decisionmaking in a fault diagnosis task  
p0195 A78-37130
- Are extreme halophiles actually 'bacteria'  
p0211 A78-40192
- Methane-producing bacteria - Natural fractionations of the stable carbon isotopes  
p0260 A78-47667
- Phytanyl-glycerol ethers and squalenes in the archaeobacterium Methanobacterium thermoautotrophicum  
p0260 A78-47892
- INDIANA UNIV., BLOOMINGTON.  
Methane-producing bacteria - Natural fractionations of the stable carbon isotopes  
p0260 A78-47667
- The effects of middle ear muscle contraction upon high level exposure to pure tones and upon the transmission of low level pure tones  
p0064 N78-15673
- Pacemaker related conductance changes in cardiac Purkinje fibers  
p0112 N78-18697
- The physiology of restricted breathing  
p0143 N78-20747
- Investigation of a new cardiac arrhythmia monitoring scheme  
p0187 N78-23733
- Driver visual limitations diagnosis and treatment  
[PB-278884/2] p0232 N78-27764
- INFORMATICS, INC., ROCKVILLE, MD.  
Federal noise research in noise effects  
[PB-280335/1] p0284 N78-31733
- INSTITUT DE MECANIQUE DES FLUIDES DE TOULOUSE (FRANCE).  
A model of blood flows studies  
p0178 N78-22698
- INSTITUT FRANCO-ALLEMAND DE RECHERCHES, ST. LOUIS (FRANCE).  
Transmission of impulse noise to the inner ear in the guinea pig by the recording of the intracochlear pressure. Evaluation of phenomena leading to injuries  
[ISL-R-103/77] p0148 N78-21749
- Pressure measurements in the cochlea of a guinea pig  
[ISL-CO-206/77] p0183 N78-23707
- INSTITUT PASTEUR, PARIS (FRANCE).  
Microbiology and space  
p0174 N78-22663
- INSTITUTE FOR PERCEPTION RVO-TNO, SOESTERBERG (NETHERLANDS).  
The psychological significance of the electroencephalogram  
[IZP-1977-6] p0204 N78-24794
- Requirements for goggles used in training to fly instruments  
[IZP-1977-4] p0206 N78-24805
- ACTH fragments and verbal learning  
[IZP-1977-15] p0225 N78-26733
- Some effects of Org. 2766 on various performance tasks  
[IZP-1977-18] p0225 N78-26734
- Vowel segments in consonantal contexts: A spectral study of coarticulation  
[IZP-1977-14] p0225 N78-26735
- ACTH 4-10 and adaptive learning  
[IZP-1977-13] p0226 N78-26736
- INSTITUTE OF AVIATION MEDICINE, FUERSTENFELDBRUCK (WEST GERMANY).  
Subjective stress assessment as a criterion for measuring the psychophysical workload on pilots  
p0091 N78-16632
- INTERNATIONAL BUSINESS MACHINES CORP., OSWEGO, N.Y.  
Program documentation for the terrain and flight dynamics program  
[AD-A056116] p0318 N78-33742
- INTERUNIVERSITAIR REACTOR INSTITUUT, DELFT (NETHERLANDS).  
Patient doses resulting from an X-ray recording (belly survey picture). Influence of technical parameters on the dosage  
[IRI-190-77-01] p0114 N78-18709
- IOWA STATE UNIV. OF SCIENCE AND TECHNOLOGY, AMES.  
Comprehensive study interrelating cardiac function and fundamental muscle mechanics  
p0086 N78-16595
- The effects of maldistribution on the uptake and distribution of inert gases in the human lung  
p0093 N78-17649
- Noninvasive, real-time examination of atrioventricular conduction system  
p0178 N78-22695
- IOWA UNIV., IOWA CITY.  
Food and oxygen requirements for growing mice and turtles after hypergravitational development  
p0030 A78-15204
- Influence of central venous pressure upon sinus node responses to arterial baroreflex

## J

- stimulation in man  
[NASA-CR-155783] p0109 N78-18678
- Influence of low and high pressure baroreceptors  
on plasma renin activity in humans  
[NASA-CR-155307] p0112 N78-18701
- The configuration of movement of the  
semicircular canal cupula p0144 N78-20750
- ISRAELI PROGRAM FOR SCIENTIFIC TRANSLATIONS LTD.,  
JERUSALEM.
- Effects of Solar Activity on the Earth's  
Atmosphere and Biosphere  
[TT-75-50015] p0163 N78-22561
- Population dynamics and rhythms of epizootics  
among rodents correlated with solar cycles  
p0163 N78-22566
- Periodic activity of natural foci of plague and  
its causes p0163 N78-22567
- The epidemic process as a function of solar  
activity p0163 N78-22568
- Effect of heliogeophysical factors on the  
evolution of infectious diseases of man  
p0163 N78-22569
- The biological activity of the disturbed  
geomagnetic field p0163 N78-22571
- Possible solar-activity factors affecting  
processes in the biosphere p0163 N78-22572
- A possible molecular mechanism by which solar  
activity affects biosphere processes  
p0164 N78-22574
- Solar activity and cardiovascular diseases  
p0164 N78-22575
- Sudden death from cardiovascular diseases and  
solar activity p0164 N78-22576
- Solar activity and the variation of blood  
coagulation between 1949 and 1966  
p0164 N78-22577
- The influence of solar activity on the  
fibrinolytic system of the blood p0164 N78-22578
- The mechanism of the influence of solar-activity  
oscillations on the human organism p0164 N78-22579
- An experimental study of the ultralow-frequency  
electromagnetic fields on warmblooded animals  
and microorganisms p0164 N78-22580
- ISTITUTO SUPERIORE DI SANITA, ROME (ITALY).
- Technical and scientific aspects of sanitary and  
safety problems in nuclear energy production  
[ISS-P-76/91] p0113 N78-18706
- Some contributions from the Radiation Laboratory  
to the 20th National Congress of the Italian  
Association of Health Physics and Radiation  
Protection  
[ISS-P-77/10] p0145 N78-20759
- Radio protection and diagnosis with X-rays  
p0145 N78-20760
- Primary medium energy exposure standard:  
Comparison between ISS and BIPM p0145 N78-20761
- WEST program for evaluating the patient dosage:  
First results for some X ray diagnostics  
installations p0145 N78-20762
- Use of thermoluminescence dosimetry for  
measuring the radiation emitted by color TV sets  
p0145 N78-20763
- Photodynamic effects induced in man by  
sensitizers and visible radiation p0145 N78-20764
- Electromagnetic field levels near radar therapy  
equipment p0146 N78-20765
- The "protection against X-ray damages act" of  
1973 promulgated by the German Federal Republic  
[ISS-R-76/13] p0188 N78-23742
- ITALIAN AIR FORCE MEDICAL SERVICE H. Q., ROME.
- Workload and operational fatigue in helicopter  
pilots p0090 N78-16622
- JAPAN BROADCASTING CORP., TOKYO.
- The apparent rate of flicker  
[NHK-LABS-NOTE-219] p0254 N78-29748
- JET PROPULSION LAB., CALIF. INST. OF TECH., PASADENA.
- Analysis of pulsatile, viscous blood flow  
through diseased coronary arteries of man  
p0035 A78-16013
- Multispectral photographic analysis - A new  
quantitative tool to assist in the early  
diagnosis of thermal burn depth p0105 A78-27728
- Effect of hand-based sensors on manipulator  
control performance p0136 A78-30510
- Photocatalytic oxidation of organic compounds on  
Mars p0292 A78-51137
- Medical ultrasonic tomographic system  
[NASA-CR-155269] p0040 N78-12659
- Sampled data analysis of a computer-controlled  
manipulator p0042 N78-12670
- Synthesis and biological screening of novel  
hybrid fluorocarbon hydrocarbon compounds for  
use as artificial blood substitutes  
[NASA-CR-155781] p0112 N78-18702
- Biocontamination and particulate detection system  
[NASA-CASE-NPO-13953-1] p0165 N78-22587
- Bag for storing whole blood  
[NASA-CASE-NPO-13930-1] p0208 N78-25760
- Coupling apparatus for ultrasonic medical  
diagnostic system p0208 N78-25761
- Process for manufacturing cannula  
[NASA-CASE-NPO-14073-1] p0208 N78-25762
- Assessment of free-living nitrogen fixing  
microorganisms for commercial nitrogen fixation  
[NASA-CR-157565] p0275 N78-30798
- Tissue identification by ultrasound  
[NASA-CR-157776] p0314 N78-33716
- JOHANN-WOLFGANG-GOETHE-UNIVERSITÄT, FRANKFURT AM  
MAIN (WEST GERMANY).
- Neurophysiological assessment of functional  
states of the brain p0287 N78-31755
- JOHNS HOPKINS UNIV., BALTIMORE, MD.
- Physiological studies of nitrogen fixation by  
blue-green algae p0039 N78-12647
- Molecular basis for the mutagenic and lethal  
effects of ultraviolet irradiation  
[TID-27764] p0122 N78-19745
- Mathematical model of the vestibuloocular reflex  
p0165 N78-22584
- Chemical production of excited states in  
biology: Mechanism, regulation and function,  
renewal proposal p0207 N78-25753
- [COO-3277-47]
- Interfacial biophysics of materials in contact  
with blood p0225 N78-26732
- [PB-277928/8]
- Effects of nitrogen dioxide on pulmonary  
function in human subjects p0316 N78-33723
- [PB-281186/7]
- JOINT PUBLICATIONS RESEARCH SERVICE, ARLINGTON, VA.
- Translations on USSR science and technology:  
Biomedical sciences p0011 N78-11682
- [JPRS-69970]
- Translations on USSR science and technology:  
Biomedical sciences, no. 13 p0039 N78-12651
- [JPRS-70057]
- Translations on USSR science and technology:  
Biomedical and behavioral sciences, no. 14:  
Effects of nonionizing electromagnetic radiation  
[JPRS-70101] p0041 N78-12665
- Translations on USSR science and technology:  
Biomedical and behavioral sciences, no. 15  
[JPRS-70168] p0041 N78-12666
- Translations on USSR science and technology:  
Biomedical and behavioral sciences, no. 16  
[JPRS-70297] p0045 N78-13737
- Translations on USSR science and technology:  
Biomedical and behavioral sciences, no. 17  
[JPRS-70338] p0045 N78-13738
- Translations on USSR science and technology:  
Biomedical and behavioral sciences, no. 19



[JPFRS-70469] p0088 N78-16611  
Translations on USSR science and technology:  
Biomedical and behavioral sciences, no. 18  
[JPFRS-70395] p0089 N78-16615  
Translations on USSR science and technology:  
Biomedical and behavioral sciences, no. 20  
[JPFRS-70486] p0089 N78-16616  
Space Biology and Aerospace Medicine, no. 5, 1977  
[JPFRS-70135] p0109 N78-18679  
Main stages and prospects of development of  
space biology and medicine p0110 N78-18680  
Aviation medicine on the sixtieth anniversary of  
the great October revolution p0110 N78-18681  
Biomechanical criteria of artificial gravity p0110 N78-18682  
Change in gravitation level as a stress factor p0110 N78-18683  
Main results of medical research conducted  
during the flight of two crews on the Salyut-5  
orbital station p0110 N78-18684  
Distinctions of fluid and electrolyte metabolism  
and renal function in crew members of the  
first Salyut-4 expedition p0110 N78-18685  
Technique for selective catheterization of the  
heart and great vessels used in biomedical  
studies of healthy individuals p0110 N78-18686  
Parameters of acid-base equilibrium and  
enzymatic activity of blood in man during  
brief antiorthostatic hypokinesia p0110 N78-18687  
Main objectives and results of the  
radiobiological experiment conducted on the  
Kosmos-690 biosatellite p0111 N78-18688  
Lactate dehydrogenase isozymes of rat skeletal  
muscles following a space flight and with  
hypokinesia p0111 N78-18689  
Morphological manifestations of functional  
changes in the hypothalamo-hypophyseal  
neurosecretory system and rat kidneys under  
the influence of space flight factors p0111 N78-18690  
Effect of head orientation in the gravity field  
on severity of caloric nystagmus p0111 N78-18691  
A study of the pulsed method of laundering p0111 N78-18692  
Significance of the percussion symptom in  
detection of peptic ulcers in flight personnel p0111 N78-18693  
Autogenic training used for self-regulation of  
cardiovascular function and prevention of  
neurocirculatory dystonia in pilot candidates p0111 N78-18694  
Investigation of space perception by the crew of  
the experimental Soyuz-Apollo mission p0111 N78-18695  
Effects of high concentrations of carbon dioxide  
on function of the human acoustic analyzer p0112 N78-18696  
Space Biology and Aerospace Medicine, no. 3, 1977  
[JPFRS-69380] p0114 N78-18715  
Psychopharmacology in aviation and astronautics p0114 N78-18716  
Experimental and general theoretical research p0115 N78-18717  
Distinctive features of regional circulation and  
vasomotor regulation following a two-month  
space flight p0115 N78-18718  
Studies of circulation during LBNP test aboard  
Salyut-4 orbital stations p0115 N78-18719  
Dynamics of orthostatic stability of cosmonauts  
following 2 to 63 day missions p0115 N78-18720  
Some psychoneurological requirements in  
assessing inflight functional state of  
cosmonauts p0115 N78-18721  
Histochemical study of digestive organs of rats  
following flight on Kosmos-605 p0115 N78-18722

Mucopolysaccharides and collagen of tissues in  
hypokinetic rats p0115 N78-18723  
Cardiovascular reactions to orthostatic tests  
and human resistance to vestibular stimuli p0115 N78-18724  
Dynamic control of parameters of spacecraft  
atmosphere p0116 N78-18725  
Mechanics of speech-related respiration while  
performing static physical exercise p0116 N78-18726  
Electrolyte content of blood and potassium ion  
transport in erythrocytes of animals exposed  
to a steady magnetic field p0116 N78-18727  
Hemopoiesis in dogs exposed to lethal doses of  
protons with shielded bone marrow p0116 N78-18728  
Investigation of concomitant microflora in  
prolonged substrate-free cultivation of beet  
plants p0116 N78-18729  
Physiology of antiorthostatism p0116 N78-18730  
Heterophilic antibodies and complement activity  
of rat blood serum after flight in Kosmos-605  
satellite p0116 N78-18731  
Measurement of radiation doses in the Soyuz-16  
spacecraft p0117 N78-18732  
Blood clotting function during 12-day immersion  
in water, and the preventive role of revolving  
on a centrifuge p0117 N78-18733  
Defense reactions of the organism while  
breathing high concentrations of carbon dioxide p0117 N78-18734  
Effect of gamma radiation on intensity of  
ammonia excretion in albino rats p0117 N78-18735  
Otolith system function in cosmonauts following  
space missions p0117 N78-18736  
Sudden loss of consciousness in pilots with low  
intraocular pressure during exposure to G forces p0117 N78-18737  
Space Biology and Aerospace Medicine, no. 4, 1977  
[JPFRS-69964] p0117 N78-18738  
Principal methods of simulating biological  
effects of weightlessness p0117 N78-18739  
Dynamics of cyclic and acyclic locomotion of the  
Soyuz-18 crew after a 63-day space mission p0118 N78-18740  
Medical support of the immediate postflight  
period following long space missions p0118 N78-18741  
DNA status in rat liver and spleen following  
flight on Kosmos-605 satellite p0118 N78-18742  
Effect of prolonged space flight on protein  
biosynthesis in various rat organs and tissues p0118 N78-18743  
Cytochemical studies of proteins and RNA in  
individual spinal cord motoneurons and spinal  
ganglia neurons of rats following a space flight p0118 N78-18744  
Vestibulotonic reflexes in muscles of the rat  
hind limb following a flight on Kosmos-605 p0118 N78-18745  
Clinical and biochemical aspects of human  
adaptation to central Antarctica as applied to  
problems of space biology and medicine p0118 N78-18746  
Effect of prolonged hypokinesia on the course of  
acute aseptic inflammation p0119 N78-18747  
Effects of chronic exposure to carbon monoxide  
on biochemistry of human blood p0119 N78-18748  
Effect of superhigh intensity constant magnetic  
fields on morphological composition of  
peripheral blood p0119 N78-18749  
Organism reactions to hypoxia following exposure  
to gamma radiation p0119 N78-18750

- Cataractogenic effect of 25 and 50 MeV protons p0119 N78-18751
- Acute leukocytic reactions to impact accelerations p0119 N78-18752
- Investigation of personality traits of pilots and navigators p0119 N78-18753
- Tetrapolar rheography used to evaluate the circulatory system p0120 N78-18754
- Carbohydrate and lipid content of rat liver tissue following a 22-day space flight p0120 N78-18755
- Changes in circulating blood volume and filling of the brain and internal organs of rats following acute and chronic hypoxia p0120 N78-18756
- The hematic system in the set of symptoms of autonomic disorders in monkeys on the low gravitation stand p0120 N78-18757
- Relationship between onset of altitude-decompression disorders in man and barometric pressure level during intensive physical exercise p0120 N78-18758
- Prevention of hypertensive states in ship crews out at sea p0120 N78-18759
- Space Biology and Aerospace Medicine, No. 1, 1978 [JPBS-70753] p0124 N78-19756
- Methods of studying inflight pilot performance p0124 N78-19757
- Provisions for radiation safety of the crew of the second expedition on Salyut-4 p0124 N78-19758
- Combined effect of weightless and ionizing radiation of rats: Results of morphological studies p0124 N78-19759
- Isozyme composition of lactate dehydrogenase of rat skeletal muscles after flight in Kosmos-690 biosatellite p0125 N78-19760
- Effects of space flights and concomitant radiation on amino acid metabolism in rat skeletal muscles p0125 N78-19761
- Sensory components of optokinetic nystagmus under the influence of angular accelerations p0125 N78-19762
- A device for measurement of rate of slow phase of nystagmus on the nystagmogram p0125 N78-19763
- An automated system for evaluation of eye fatigue p0125 N78-19764
- The role of skeletal muscle tone in regulation of orthostatic circulation p0125 N78-19765
- Oxygen content of blood during prolonged rocking p0125 N78-19766
- Resistance to hyperbaric oxygenation and factors affecting it p0126 N78-19767
- Translations on USSR science and technology: Biomedical and behavioral sciences [JPBS-70876] p0143 N78-20742
- Space biology and medicine p0143 N78-20743
- Pilot retraining aimed at stress reduction p0143 N78-20744
- Translations on USSR science and technology: Biomedical and behavioral sciences, no. 24 [JPBS-70928] p0149 N78-21761
- Cosmonaut work capacity in flight p0150 N78-21762
- Some problems in assessing oculomotor activity during information retrieval p0150 N78-21763
- Space Biology and Aerospace Medicine, vol. 11, no. 6, 1977 [JPBS-70633] p0174 N78-22668
- Changes in peripheral blood of crew members of the Salyut-4 orbital station p0174 N78-22669
- Human endurance of recurrent +G sub z accelerations p0175 N78-22670
- Effect of prolonged weightlessness on metabolism of proteins in red and white skeletal muscles of rats p0175 N78-22671
- Fluid-electrolyte metabolism in albino rats after a flight on the Kosmos-690 biosatellite p0175 N78-22672
- Clinical aspects of changes in the nervous system in the course of 49-day antiorthostatic hypokinesia p0175 N78-22673
- State of rat muscle motoneuron system in the case of restricted mobility p0175 N78-22674
- Effect of physical loads on some parameters of lipid and carbohydrate metabolism during hypokinesia p0175 N78-22675
- Circadian changes in activity of the hypothalamus-hypophysis-adrenal system in animals differing in individual radio-sensitivity p0175 N78-22676
- Functional state of the rat liver under the primary deleterious effect of impact accelerations p0175 N78-22677
- Model of motion sickness in dogs used to evaluate efficacy of pharmacological agents p0176 N78-22678
- Hygienic appraisal of water regenerated from diverse fluid-containing waste p0176 N78-22679
- Variants of control for an ecosystem that is closed with regard to exchange of gases, with periodically functioning autotrophic component p0176 N78-22680
- Effect of seduxen on the course of experimental hypokinesia p0176 N78-22681
- Effects on the human body of complex tests simulating flight conditions on the Salyut-4 spacecraft p0176 N78-22682
- Morphology of bone marrow cells of rats on the Kosmos-605 biosatellite p0176 N78-22683
- Blood plasma corticosterone in rats after flight in Kosmos-690 biosatellite p0177 N78-22684
- Excitability of neuromuscular system of monkeys during orthostatic tests p0177 N78-22685
- Sanitary and hygienic evaluation of water regenerated from urine p0177 N78-22686
- Image of flight article discussed p0182 N78-22732
- Search for life on Mars p0182 N78-22734
- Soviet-Czech space mission, cosmonaut training discussed p0183 N78-23041
- Space Biology and Aerospace Medicine, volume 12, no. 2 [JPBS-71096] p0183 N78-23708
- Principles of engineering psychology involved in optimizing control systems of aircraft and spacecraft p0183 N78-23709
- Immunological reactivity and prediction of allergic complications in the crew of the second expedition of Salyut-4 p0183 N78-23710
- Studies of reactivity of the organism using some pharmacological tests p0184 N78-23711
- Consumption of freeze-dried food in weightlessness p0184 N78-23712
- Checking effectiveness of prevention of high-altitude decompression disorders by means of prebreathing in an oxygen environment p0184 N78-23713
- Some problems of pathogenesis of respiratory disorders occurring at +G sub z accelerations combined with breathing pure oxygen p0184 N78-23714
- Possibility of retaining thermal balance of the human body in an extremely rarefied atmosphere

- by means of vacuum evaporation of perspiration from the body surface  
p0184 N78-23715
- Influence of location of indicators on psychophysiological distinctions of combined activity  
p0184 N78-23716
- Human visual functions as related to mild vestibular stimuli  
p0185 N78-23717
- Human endurance of measured exercise in the presence of chronic hypercapnia  
p0185 N78-23718
- Functional reserves of the cardiac sympathetic system in the presence of hypoxia  
p0185 N78-23719
- Motor activity and prevention of consequences of hypokinesia (on the basis of indices of tissular metabolism)  
p0185 N78-23720
- Development of neoplasms in dogs after chronic exposure to gamma radiation delivered at a low dose rate  
p0185 N78-23721
- Experimental substantiation of maximum permissible concentrations of acetone and acetaldehyde in reclaimed potable water  
p0185 N78-23722
- The combined effect of volatile products of thermal oxidation decomposition of lubricating oil and hypoxic hypoxia on the organism  
p0185 N78-23723
- Translations on USSR science and technology: Biomedical and behavioral sciences, no. 28. Effects of nonionizing electromagnetic radiation [JPRS-71136]  
p0186 N78-23724
- Effects of low-frequency (50 Hz) electromagnetic field on functional state of the human body  
p0186 N78-23725
- Effect of energy of superhigh-frequency electromagnetic fields on the bodies of experimental animals under different conditions of ultraviolet irradiation  
p0186 N78-23726
- Distinctive reactions of the body's immunological system to the combined effects of physical and chemical environmental factors  
p0186 N78-23727
- The effect of electromagnetic fields on enzyme activity  
p0186 N78-23728
- Reaction of central and peripheral mediator elements of the sympathoadrenal system to single exposure to alternating magnetic field  
p0186 N78-23729
- Copper, molybdenum, iron and manganese metabolism in rat tissues in response to a 50 Hz electric field  
p0187 N78-23730
- Evaluation of hygienic significance of electric field of power lines in populated areas  
p0187 N78-23731
- Electromagnetic field effects on growth and of plants  
p0187 N78-23732
- Space suit used aboard Salyut-6 described  
p0234 N78-28038
- Cosmonauts undergo medical ground training  
p0234 N78-28040
- Spacecraft crew ground training described  
p0234 N78-28042
- Two-dimensional linear models of two-legged walking  
p0251 N78-29037
- Translations on USSR science and technology: Biomedical and behavioral sciences, no. 35 [JPRS-71467]  
p0280 N78-31694
- Evolution of the space suit  
p0280 N78-31695
- Electroreceptors in man and other animals  
p0280 N78-31696
- Translations on USSR science and technology: Biomedical and Behavioral sciences, no. 39 [JPRS-71569]  
p0280 N78-31697
- Genetics of microorganisms and medicine  
p0280 N78-31698
- Some pressing problems of genetics  
p0280 N78-31699
- A variant of portable single-channel bioradiotelemetry system  
p0280 N78-31702
- A method of recording heat parameters of divers during work  
p0280 N78-31703
- Dependence of the reaction of the human nervous system on the distribution of absorbed doses of ionizing radiation  
p0280 N78-31704
- Translations on USSR science and technology: Biomedical and behavioral sciences, no. 40. Effects on nonionizing electromagnetic radiation [JPRS-71595]  
p0281 N78-31705
- Coagulative properties of blood and tissues of the cardiovascular system in exposure to electromagnetic fields  
p0281 N78-31706
- Proliferation of bone marrow cells under the influence of superhigh intensity steady magnetic fields  
p0281 N78-31707
- Possibility of attenuating the ecological effects of alternating current power lines as a result of new designs and circuit changes  
p0281 N78-31708
- Magnet effects in biology  
p0281 N78-31709
- Space biology and aerospace medicine, no. 4 [JPRS-71830]  
p0305 N78-32672
- Investigation of possibility of using lower body negative pressure test for screening cosmonaut candidates  
p0305 N78-32674
- Kaliuretic renal function in man as related to different degrees of exercise during bedrest  
p0305 N78-32675
- Evaluation of regional blood filling by means of rheoplethysmography combined with functional tests  
p0306 N78-32676
- Dynamics of free amino acid levels in human blood plasma during bed rest in head down position  
p0306 N78-32677
- Psychophysiological distinctions of pilot performance during brief exposure to intensive photic stimuli  
p0306 N78-32678
- Physical fitness of permanent lowland and highland residents  
p0306 N78-32679
- Methods of irradiating biological objects and results of dosimetry onboard the Kosmos-690 satellite  
p0306 N78-32680
- Histochemical study of digestive organs of rats involved in space flight on the Kosmos-690 satellite  
p0306 N78-32681
- Investigation of the influence of prolonged rotation on radiation lesions  
p0306 N78-32682
- Distinctions of radioprotective effect of acute hypoxia on 5-day-old mice preadapted to oxygen deficiency  
p0306 N78-32683
- Changes in electrocerebellograms and automatic reactions of rats to accelerations  
p0307 N78-32684
- On the possible role of lysosomal proteinases in the biological effects of accelerations  
p0307 N78-32685
- Morphological study of hemopoietic organs of hypokinetic rats  
p0307 N78-32686
- Protective effects of 2-aminobenzimidazole during hyperbaric oxygenation, and state of cerebral nitrogen metabolism  
p0307 N78-32687
- GOI anomaloscopes used to set standards for color vision of flight personnel  
p0307 N78-32688
- Effects of weightlessness and hypokinesia on contractility of bundles of glycerin-treated rat muscle fibers  
p0307 N78-32689
- Development of radiation lesions to the rat heart during a space flight (experimental

morphological study) p0307 N78-32690  
 Effects of altered gravity on viscosity of cytoplasm and protein content of plant cells p0307 N78-32691  
 Electrolyte content of the myocardium, skeletal muscles and blood of rats during prolonged hypokinesia and readaption p0308 N78-32692  
 Regional redistribution of blood during the immediate aftereffect period following exposure of rats to transverse accelerations p0308 N78-32693  
 Effect of coriolis accelerations on man's ability to determine the direction of gravitational vertical p0308 N78-32694  
 Effect of the combination of dry air heat and cold water treatment on human orthostatic stability p0308 N78-32695  
 Dynamics of afferent impulsion in posterior spinal radices of dogs with restricted movement p0308 N78-32696  
 Fifty minute in hydraulic weightlessness p0312 N78-33018  
 Polish cosmonaut selection process described p0312 N78-33033  
 Development of modern spacesuits p0312 N78-33034  
 Translation on USSR science and technology: Biomedical and behavioral sciences, no. 45: Effects of nonionizing electromagnetic radiation [JPRS-71910] p0316 N78-33727  
 Cellular and molecular effects and the mechanism of action of microwave electromagnetic fields on biological systems p0316 N78-33728  
 Biomedical effects of millimeter radio waves p0316 N78-33729  
 The combined effect of an SHF field and an unfavorable microclimate on the body p0316 N78-33730  
 Biological experiments on board Salyut-6 p0319 N78-34032

## K

KANSAS STATE UNIV., MANHATTAN.  
 Comparison of auditory critical bands measured by loudness summation and acoustic reflexes p0224 N78-26721  
 KANSAS UNIV., LAWRENCE.  
 The role of the acoustic reflex in the acquisition of temporary threshold shift p0039 N78-12653  
 A computer based medical ultrasound B-scan system p0093 N78-17653  
 Comparisons among auditory reaction time loudness and certain characteristics of the acoustic reflex p0224 N78-26723  
 KAROLINSKA INSTITUTET, STOCKHOLM (SWEDEN).  
 The mammalian otocyst in vitro. A model system for experimental pathology on earth and in space p0171 N78-22638  
 Toxicology of metals, volume 3 [PR-280115/7] p0277 N78-30813  
 KENTUCKY UNIV. RESEARCH FOUNDATION, LEXINGTON.  
 The development, maintenance, and mathematical description of tracking behavior in man and the Phebus monkey [AD-A043275] p0015 N78-11717

## L

LAUSANNE UNIV. (SWITZERLAND).  
 Foot georeaction: Gravity effect on hormone balance p0173 N78-27650  
 LETTERMAN ARMY INST. OF RESEARCH, SAN FRANCISCO, CALIF.  
 The effects of abrupt altitude exposure (4300 m) upon the metabolism of glucose-14 C-UI in man [AD-A051764] p0247 N78-28785  
 LIBRARY OF CONGRESS, WASHINGTON, D. C.  
 Food and oxygen requirements for growing mice and turtles after hypergravitational development p0030 A78-15204

Possibility of intelligent life elsewhere in the universe [GPO-98-185] p0063 N78-14791  
 LIFESYSTEMS, INC., BRACHWOOD, OHIO.  
 Iodine generator for reclaimed water purification [NASA-CASE-MSC-14632-1] p0062 N78-14784  
 LIFE SYSTEMS, INC., CLEVELAND, OHIO.  
 Prototype Bosch CO2 reduction subsystem for the RLSE experiment [NASA-CR-150504] p0067 N78-15693  
 Technology advancement of the static feed water electrolysis process [NASA-CR-152073] p0126 N78-19772  
 Technology advancement of the electrochemical CO2 concentrating process [NASA-CR-152098] p0182 N78-22723  
 Evaluation of a spacecraft nitrogen generator [NASA-CR-152097] p0189 N78-23748  
 Advanced instrumentation concepts for environmental control subsystems [NASA-CR-152100] p0250 N78-28807  
 LOCKHEED MISSILES AND SPACE CO., SUNNYVALE, CALIF.  
 Development of a non-cryogenic nitrogen/oxygen supply system [NASA-CR-151542] p0008 N78-10704  
 Electrolytic pretreatment of urine [NASA-CR-151566] p0043 N78-13725  
 STARPAHC systems report. Volume 1: Executive summary [NASA-CR-151578] p0061 N78-14776  
 STARPAHC systems report. Volume 2: Operational performance [NASA-CR-151579] p0061 N78-14777  
 Development of a preprototype trace contaminant control system [NASA-CR-151632] p0097 N78-17681  
 An investigation of the reduction of carbon dioxide in a silent electric discharge [NASA-CR-152146] p0209 N78-25767  
 LOS ALAMOS SCIENTIFIC LAB., N. MEX.  
 Automatic detection of alternations in pulmonary venous pressure [LA-UR-77-531] p0044 N78-13732  
 Laser backscattering measurements on biological cells: Preliminary results [LA-UR-76-2462] p0085 N78-16588  
 Respirator studies for the Nuclear Regulatory Commission. Protection Factors for supplied-air respirators [LA-7098-PR] p0256 N78-29760  
 Late biological effects of ionizing radiation as influenced by dose, dose rate, age at exposure, and genetic sensitivity to neoplastic transformation [LA-UR-78-681] p0283 N78-31724  
 Respirator selection [LA-UR-78-119] p0312 N78-32725  
 Advances in human internal radiation counting at Los Alamos: Multiple simultaneous in-vivo measurements [LA-UR-78-1063] p0315 N78-33721  
 LOUISVILLE UNIV. FOUNDATION, INC., KY.  
 Support of ASTP/KOSMOS fundulus embryo development experiment [NASA-CR-151816] p0251 N78-29724  
 LOVELL FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, ALBUQUERQUE, N. MEX.  
 Specialized physiological studies in support of manned space flight [NASA-CR-151626] p0095 N78-17664  
 LOYOLA UNIV., CHICAGO, ILL.  
 Ascending spinal pathways for the somatosympathetic reflex p0065 N78-15678  
 A model of human behavior in a fire emergency [PB-277773/8] p0226 N78-26738

## M

MAINZ UNIV. (WEST GERMANY).  
 Effect of prehatching weightlessness on adult fish behavior in dynamic environments p0139 A78-31841  
 MARQUETTE UNIV., MILWAUKEE, WIS.  
 A multiple indicator-dilution study of transport and metabolic processes in the lung p0177 N78-22689  
 MARTIN MARIETTA AEROSPACE, DENVER, COLO.  
 Manned maneuvering unit - A space platform

- support system  
[AIAA PAPER 78-1663] p0295 A78-51990
- MARTIN MARIETTA CORP., DENVER, COLO.  
Urine collection device  
[NASA-CASE-MSC-16433-1] p0229 N78-27750
- MARYLAND UNIV., BALTIMORE.  
The organization and autonomic innervation of  
the vascular system of the mammalian spinal  
cord; an ultrastructural study p0178 N78-22692
- Effects of nitrogen dioxide on pulmonary  
function in human subjects  
[PB-281186/7] p0316 N78-33723
- MARYLAND UNIV., COLLEGE PARK.  
Phosphorus, a key to life on the primitive earth  
p0026 A78-14680
- The evolution of the protein synthesis system. I  
- A model of a primitive protein synthesis  
system p0056 A78-19363
- The measurement of acoustical parameters and  
transducer accelerations in pulsatile  
echo-encephalography p0144 N78-20751
- Electric field measurements within biological  
media p0167 N78-22601
- Life beyond the earth p0305 N78-32136
- MASSACHUSETTS GENERAL HOSPITAL, BOSTON.  
New imaging systems in nuclear medicine  
[COO-3333-30] p0124 N78-19754
- Zero gravity and cardiovascular homeostasis.  
The relationship between endogenous  
hyperprolactinemia and plasma aldosterone  
[NASA-CR-151715] p0179 N78-22705
- MASSACHUSETTS INST. OF TECH., CAMBRIDGE.  
Integration of semicircular canal and otolith  
information for multisensory orientation stimuli  
p0004 A78-12607
- Some general principles of planetary quarantine  
leading to an assessment of the limitations to  
growth of micro-organisms on Uranus and Neptune  
p0028 A78-15188
- Adaptation to delayed auditory feedback  
p0036 A78-16825
- Detection by pilots of system failures during  
instrument landings p0049 A78-17740
- Perseveration effects in detection tasks with  
correlated decision intervals p0083 A78-23999
- Incremental exposure facilitates adaptation to  
sensory rearrangement p0100 A78-26729
- State reversals of optically induced tilt and  
torsional eye movements p0156 A78-34681
- Experiments in texture perception  
[AD-A043402] p0012 N78-11695
- Analytical evaluation of two motion washout  
techniques p0014 N78-11712
- A comparison of washout filters using a human  
dynamic orientation model p0014 N78-11713
- Potential use of nutritional factors to optimize  
performance under stress p0181 N78-22718
- MASSACHUSETTS INST. OF TECH., OAK RIDGE, TENN.  
Volume-restricted freezing of living cells and  
tissues [ORNL/MIT-265] p0313 N78-33705
- MASSACHUSETTS UNIV., AMHERST.  
The effect of age and activity level on  
fractionated response and reflex time p0143 N78-20746
- MATERIALS RESEARCH LABS., MELBOURNE (AUSTRALIA).  
Antifouling activity of phytotoxic compounds and  
experimental polymeric algicides [MRL-B-698] p0148 N78-21747
- MAX-PLANCK-INSTITUT FUER LANDARBEIT UND  
LANDTECHNIK, BAD KREUZNACH (WEST GERMANY).  
Human response to vibration under different  
conditions p0174 N78-22665
- MAYO CLINIC, ROCHESTER, MINN.  
Effect of force environment on regional  
pulmonary displacements and volumes in dogs p0103 A78-26924
- Spatial distribution of pulmonary blood flow in  
dogs in increased force environments p0130 A78-29032
- Effect of gravitational and inertial forces on  
vertical distribution of pulmonary blood flow p0161 A78-36154
- Regional lung expansion at total lung capacity  
in intact vs. excised canine lungs p0297 A78-52539
- MAYO FOUNDATION, ROCHESTER, MINN.  
Effect of force environment on regional  
pulmonary displacements and volumes in dogs p0103 A78-26924
- Spatial distribution of pulmonary blood flow in  
dogs in increased force environments p0130 A78-29032
- Effect of gravitational and inertial forces on  
vertical distribution of pulmonary blood flow p0161 A78-36154
- Regional lung expansion at total lung capacity  
in intact vs. excised canine lungs p0297 A78-52539
- Some effects of acceleration in man and  
chimpanzees p0009 N78-11668
- Protection of the cardiopulmonary systems  
against the injurious effects of acceleration  
[AD-A0501421] p0149 N78-21755
- MCDONNELL-DOUGLAS ASTRONAUTICS CO., HUNTINGTON  
BEACH, CALIF.  
Generalized environmental control and life  
support system computer program (G189A)  
configuration control, phase 2 [NASA-CR-151567] p0046 N78-13747
- MCDONNELL-DOUGLAS ASTRONAUTICS CO., ST. LOUIS, MO.  
Manual control in target tracking tasks as a  
function of control type task loading and  
vibration [AD-A043903] p0042 N78-12671
- Microbial load monitor [NASA-CR-151623] p0093 N78-17648
- MEDICAL BIOLOGICAL LAB. EVO-TWO, RIJSWIJK  
(NETHERLANDS).  
The importance of the Myocardial Depressant  
Factor (MDF) for the occurrence of  
irreversible shock. A literature study  
[MBL-1977-5] p0253 N78-29743
- MEDICAL CARE DEVELOPMENT, INC., AUGUSTA, MAINE.  
Electroencephalographic and galvanic skin  
responses to verbal stimuli [PB-274175/9] p0096 N78-17670
- MESSINA UNIV. (ITALY).  
Physiological changes in space travel and the  
cellular membrane involvement p0174 N78-22661
- METHODIST HOSPITAL, HOUSTON, TEX.  
Automated electroencephalography system and  
electroencephalographic correlates of space  
motion sickness, part 4 [NASA-CR-151560] p0040 N78-12660
- Evaluation of thallium-201 scanning for  
detection of latent coronary artery disease  
[NASA-CR-151662] p0144 N78-20756
- MIAMI UNIV., CORAL GABLES, FLA.  
Compartmentalization in proteinoid microspheres p0035 A78-16015
- MIAMI UNIV., OXFORD, OHIO.  
A temporary threshold shift for self-motion  
detection following sustained, oscillating  
linear acceleration p0216 A78-41810
- Research on visual perception of complex and  
dynamic imagery [AD-A049127] p0124 N78-19753
- MICHIGAN STATE UNIV., EAST LANSING.  
Implantable electromagnetic field probes in  
finite biological bodies p0086 N78-16593
- MICHIGAN UNIV., ANN ARBOR.  
Repeated observation of an uncertain signal  
p0156 A78-34679
- A controlled bioassay system for measuring  
toxicity of heavy metals [PB-267973/6] p0005 N78-10685
- A foundation for systems anthropometry, phase 1  
[AD-A042890] p0006 N78-10696
- Whole body response of the hybrid 3  
anthropomorphic test device

[PB-268702/8] p0008 N78-10708  
 Constraining nonmetric multidimensional scaling  
 configurations  
 [AD-A045800] p0045 N78-13740  
 Validation studies for head impact injury model  
 [PB-272285/8] p0063 N78-14790  
 Evaluation of postural mechanisms under dynamic  
 conditions  
 [NASA-CR-151638] p0112 N78-18700  
 Safety helmet-head interaction study using  
 high-speed cineradiography  
 [PE-277289] p0209 N78-25772  
 Study of impact tolerance through free-fall  
 investigations  
 [PB-277537/7] p0234 N78-27780  
 Quantitative organ visualization p0313 N78-33708

## MINISTERE DE L'AIR, PARIS (FRANCE).

The influence of tobacco from a medical  
 standpoint on French pilots p0094 N78-17660

## MINISTRY OF HEALTH OF THE USSR, MOSCOW.

Medically important micro-organisms recovered  
 from Apollo-Soyuz Test Project /ASTP/ crew  
 members p0030 A78-15200

Cosmic ray effects on the eyes of rats flown on  
 Cosmos no. 782, Experiment R-007 p0078 A78-21736

Alterations in erythrocyte survival parameters  
 in rats after 19.5 days aboard Cosmos 782  
 p0079 A78-21744

## MINNESOTA UNIV., MINNEAPOLIS.

Determinations of microbial loads associated  
 with microscopic-size particles of Kennedy  
 Space Center soil p0028 A78-15184

Dry-heat resistance of selected psychrophiles  
 p0105 A78-27897

Human perception of moderate strength low  
 frequency magnetic fields p0062 N78-14782

The physiological response to time varying work  
 loads p0065 N78-15681

Osmotic relationships between blood,  
 cerebrospinal fluid and inner ear fluids  
 p0181 N78-22714

Factors determining maximal expiratory flows in  
 the human lung p0281 N78-31711

## MISSOURI UNIV., COLUMBIA.

Comparison of blood flow in normal subjects  
 during applications of heat, cold, and  
 exercise at therapeutic levels p0178 N78-22691

## MITRE CORP., MCLEAN, VA.

Vibration aspects of ride quality modeling for  
 the DOT PTACV: Theory and experiment  
 [PB-279846/0] p0286 N78-31744

Air pollution assessment of vinylidene chloride  
 [PB-280624/8] p0310 N78-32714

## MONOSOLAR, INC., SANTA MONICA, CALIF.

Improved semiconductors for photovoltaic solar  
 cells  
 [DSE/2457-5] p0256 N78-29759

## MOWSANTO CO., ST. LOUIS, MO.

Phosphorus, a key to life on the primitive earth  
 p0026 A78-14680

## MOUNT SINAI SCHOOL OF MEDICINE, N. Y.

Application to animals and humans of a  
 continuous monitoring oxygen system  
 [PB-276448/8] p0180 N78-22713

## N

## NATIONAL ACADEMY OF SCIENCES - NATIONAL RESEARCH

## COUNCIL, WASHINGTON, D. C.

Assessing biomedical technologies. An inquiry  
 into the nature of the process  
 [PB-271162/0] p0043 N78-13727

Carbon monoxide  
 [PB-274965/3] p0114 N78-18713

Causes of death following occupational exposure  
 to microwave radiation (radar) 1950 - 1974  
 p0168 N78-22614

## NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,

## WASHINGTON, D. C.

The NASA Life Sciences experiment program for

Shuttle/Spacelab  
 [AAS PAPER 78-010] p0301 A78-53615

Effect of weightlessness conditions on the  
 somatic embryogenesis in the culture of carrot  
 cells  
 [NASA-TN-75040] p0008 N78-11662

Lipid extraction from isolated single nerve cells  
 [NASA-TN-75043] p0011 N78-11687

Temperature distribution in the human body under  
 various conditions of induced hyperthermia  
 [NASA-TN-75139] p0011 N78-11688

Circadian rhythms in aerospace medicine  
 [NASA-TN-75165] p0011 N78-11689

Suprachiasmatic nuclei and Circadian rhythms.  
 The role of suprachiasmatic nuclei on rhythmic  
 activity of neurons in the lateral  
 hypothalamic area, ventromedian nuclei and  
 pineal gland  
 [NASA-TN-75155] p0011 N78-11690

Studies of perception of information on the  
 spatial position of an aircraft  
 [NASA-TN-75153] p0013 N78-11701

Provisional standards of radiation safety of  
 flight personnel and passengers in air  
 transport of the civil aviation  
 [NASA-TN-75052] p0013 N78-11702

The origin of biological macromolecules on the  
 earth. The hypothesis of inorganic template  
 [NASA-TN-75176] p0039 N78-12648

Provisional standards of radiation safety during  
 flights  
 [NASA-TN-75051] p0040 N78-12657

Computerized classification of auditory trauma:  
 Results of an investigation on screening  
 employees exposed to noise  
 [NASA-TN-75062] p0040 N78-12658

Preliminary results of the scientific  
 experiments on the Kosmos-936 biosatellite  
 [NASA-TN-75071] p0043 N78-13721

Pine seed germination under weightlessness (a  
 study of the Kosmos 782 satellite)  
 [NASA-TN-75080] p0063 N78-15667

Laboratory simulation of the action of  
 weightlessness on the human organism  
 [NASA-TN-75072] p0065 N78-15682

Study of the biological effects of long-term  
 weightlessness in laboratory model experiments  
 on mammals  
 [NASA-TN-75076] p0085 N78-16585

Formation of ectopic osteogenesis in  
 weightlessness  
 [NASA-TN-75079] p0085 N78-16586

Certain aspects of the vestibular problem in  
 space medicine  
 [NASA-TN-75067] p0087 N78-16604

Prognosis of the state of health of a person  
 under spaceflight conditions  
 [NASA-TN-75068] p0087 N78-16605

Mathematical modelling of a human external  
 respiratory system  
 [NASA-TN-75069] p0088 N78-16606

Basic results of the medical research conducted  
 during the flight of two crews on the Salyut-5  
 orbital station  
 [NASA-TN-75070] p0088 N78-16607

Dynamics and certain mechanisms in the changes  
 of the skeletal-muscular system of man under  
 bedrest conditions  
 [NASA-TN-75073] p0088 N78-16608

Application and effectiveness of prophylactic  
 devices in model experiments  
 [NASA-TN-75074] p0088 N78-16609

Matters of simulation of the semicircular canal  
 system  
 [NASA-TN-75230] p0088 N78-16610

Publications of the space biology program for  
 1975-1977: A special bibliography  
 [NASA-TN-79324] p0092 N78-17647

Certain peculiarities of the functioning of the  
 cardiovascular system in bedrest conditions  
 during horizontal and antiorthostatic body  
 positions  
 [NASA-TN-75075] p0112 N78-18699

The rate of synthesis and decomposition of  
 tissue proteins in hypokinesia and increased  
 muscular activity  
 [NASA-TN-75203] p0123 N78-19751

Research report on the physiological effects of  
 air ions and their significance as

- environmental factors  
[NASA-TM-75086] p0123 N78-19752
- NASA develops teleoperator retrieval system  
[NASA-NEWS-RELEASE-78-49] p0126 N78-19771
- Working in a hot environment; perspiration loss;  
a drink for persons working under hot  
conditions, part 2  
[NASA-TM-75285] p0148 N78-21751
- NASA - selected life science experiments for the  
first NASA/ESA Spacelab flight 1980  
p0169 N78-22621
- Before the long journey  
[NASA-TM-75098] p0203 N78-24781
- Before the long journey: Development of Soviet  
space biology and medicine  
[NASA-TM-75099] p0203 N78-24782
- Publications of the planetary biology program  
for 1976: A special bibliography  
[NASA-TM-75017] p0210 N78-25773
- Conditioned reflex activity of rats at later  
periods after the end of flight aboard the  
Kosmos-605 biosatellite  
[NASA-TM-75523] p0223 N78-26716
- Structural and functional organization of the  
vestibular apparatus in rats subjected to  
weightlessness for 19.5 days aboard the  
Kosmos-782 satellite  
[NASA-TM-75529] p0223 N78-26717
- Pathophysiological aspects of the problem of  
prolonged hypokinesia  
[NASA-TM-75112] p0224 N78-26724
- Some clinical aspects of prolonged clinostatic  
hypokinesia  
[NASA-TM-75114] p0224 N78-26725
- Contractile function of the myocardium with  
prolonged hypokinesia in patients with  
surgical tuberculosis  
[NASA-TM-75115] p0224 N78-26726
- Some features of the bioelectric activity of the  
muscles with prolonged hypokinesia  
[NASA-TM-75116] p0225 N78-26727
- Plants for space plantations  
[NASA-TM-75314] p0227 N78-27734
- Vestibular reactions to long-term caloric  
stimulation of the rabbit labyrinth  
[NASA-TM-75528] p0228 N78-27735
- The matching of biological and technical  
elements and systems  
[NASA-TM-75313] p0228 N78-27738
- Effect of prolonged hypokinesia on the water and  
fat content of the human body  
[NASA-TM-75522] p0230 N78-27752
- Effect of 6-day hypokinesia on oxygen metabolism  
indices in elderly and senile subjects  
[NASA-TM-75521] p0230 N78-27753
- Changes in the human blood coagulating system  
during prolonged hypokinesia  
[NASA-TM-75520] p0230 N78-27754
- Endogenous histamine and promethazine-induced  
gastric ulcers in the guinea pig  
[NASA-TM-75341] p0305 N78-32668
- The effect of seawater on thermoregulator centers  
[NASA-TM-75443] p0305 N78-32669
- The effect of various drugs on experimentally  
induced ulcers in immobilized rats  
[NASA-TM-75340] p0305 N78-32670
- The effect of direct heating and cooling of heat  
regulation centers on body temperature  
[NASA-TM-75450] p0309 N78-32703
- The correlation of sodium and potassium  
metabolism with the level of energy  
consumption in man during adaptation to heat  
[NASA-TM-75331] p0309 N78-32704
- Cooling system for removing metabolic heat from  
an hermetically sealed spacesuit  
[NASA-CASE-ARC-11059-1] p0312 N78-32721
- Relationship between osmotic pressure of the  
blood and secretion of sweat  
[NASA-TM-75461] p0313 N78-33703
- The preventive role of ultraviolet radiation  
during exposure to ionizing radiation  
[NASA-TM-75106] p0314 N78-33710
- The lumbosacral segment as a vulnerable region  
in various postures  
[NASA-TM-75579] p0314 N78-33713
- NATIONAL AERONAUTICS AND SPACE ADMINISTRATION. AMES  
RESEARCH CENTER, MOFFETT FIELD, CALIF.
- The Viking biological investigation - General  
aspects
- A design procedure for control/display systems  
p0002 A78-11451
- Prediction of pilot opinion ratings using an  
optimal pilot model  
p0003 A78-12447
- Effect of space flight on cell-mediated immunity  
p0003 A78-12449
- Motion sickness and otolith sensitivity - A  
pilot study of habituation to linear  
acceleration  
p0018 A78-13270
- Some new control theoretic models for human  
operator display monitoring  
p0018 A78-13272
- Effect of sterilization on the scientific value  
of a returned Mars soil sample  
p0019 A78-13446
- Detection of optical asymmetry in amino acids by  
gas chromatography for extraterrestrial space  
exploration - Results of a new soil processing  
scheme with breadboard instrumentation  
p0027 A78-15178
- Detection by pilots of system failures during  
instrument landings  
p0027 A78-15179
- Plasma /Na+/, /Ca++/, and volume shifts and  
thermoregulation during exercise in man  
p0049 A78-17740
- Insulin and glucose responses during bed rest  
with isotonic and isometric exercise  
p0053 A78-18573
- A layout designer's data projection reticle  
p0053 A78-18574
- Cosmic ray effects on the eyes of rats flown on  
Cosmos no. 782, Experiment K-007  
p0054 A78-18823
- Alterations in erythrocyte survival parameters  
in rats after 19.5 days aboard Cosmos 782  
p0078 A78-21736
- Sulfate reduction and methanogenesis in marine  
sediments  
p0079 A78-21744
- Perseveration effects in detection tasks with  
correlated decision intervals  
p0081 A78-23474
- Chemical interpretation of Viking Lander 1 life  
detection experiment  
p0083 A78-23999
- Multichannel electrochemical microbial detection  
unit  
p0099 A78-25560
- Fluid-electrolyte shifts and maximal oxygen  
uptake in man at simulated altitude /2,287 m/  
p0137 A78-31300
- Isolation and confinement - Considerations for  
colonization  
[AAS 77-245] p0192 A78-36602
- Required attention for synthesized speech  
perception for three levels of linguistic  
redundancy  
p0195 A78-36730
- Dual-loop model of the human controller  
p0196 A78-37531
- The Viking biological experiments on Mars  
p0199 A78-39184
- Hormonal indices of tolerance to +Gz  
acceleration in female subjects  
p0201 A78-39746
- Space colonization - Some physiological  
perspectives  
p0215 A78-41162
- Peptide formation in the prebiotic era - Thermal  
condensation of glycine in fluctuating clay  
environments  
p0215 A78-41164
- Simulator evaluation of three situation and  
guidance displays for V/STOL aircraft  
zero-zero landing approaches  
p0215 A78-41220
- Calcium transport in Halobacterium halobium  
envelope vesicles  
p0238 A78-44131
- Serotonin involvement in pituitary-adrenal  
function  
p0267 A78-48574
- Loss of circadian rhythmicity in body  
temperature and locomotor activity following  
suprachiasmatic lesions in the rat  
p0267 A78-48575

## CORPORATE SOURCE INDEX

## NATIONAL AERONAUTICS AND SPACE ADMINISTRATION. CONTD

- Illumination-dependent changes in the intrinsic fluorescence of bacteriorhodopsin p0267 A78-48576  
 Methionine transport in Halobacterium halobium vesicles - Noncompetitive, asymmetric inhibition by L-Cysteine p0267 A78-48578  
 Effect of suprachiasmatic lesions on diurnal heart rate rhythm in the rat p0267 A78-48579  
 Spectrophotofluorometric and electron microscopic study of lipofuscin accumulation in the testis of aging mice p0267 A78-48580  
 Rat growth during chronic centrifugation p0267 A78-48581  
 Continuous metabolic and cardiovascular measurements on a monkey subject during a simulated 6-day Spacelab mission p0268 A78-48640  
 Inhibition of bone formation during space flight p0269 A78-48719  
 Visual response time to colored stimuli in peripheral retina - Evidence for binocular summation p0292 A78-51225  
 A subcutaneous channeling probe for implanting long leads p0294 A78-51871  
 Sensory components of bite-force response in the rat p0294 A78-51872  
 Computer display and manipulation of biological molecules p0294 A78-51875  
 The metabolism of carbohydrates by extremely halophilic bacteria - The identification of lactobionic acid as a product of lactose metabolism by Halobacterium saccharovorum p0301 A78-53400  
 Degradation of biochemical activity in soil sterilized by dry heat and gamma radiation p0301 A78-53619  
 Chemical evolution and the origin of life - Bibliography supplement 1976 p0303 A78-53874  
 Mechanical energy storage device for hip disarticulation [NASA-CASE-ARC-10916-1] p0303 A78-53875  
 The use of nonhuman primates in space [NASA-CP-005] p0005 A78-10686  
 A review of animal flight experiments p0008 A78-11663  
 Cardiovascular studies in the rhesus monkey p0009 A78-11664  
 Biorhythms and space experiments with nonhuman primates p0009 A78-11667  
 Veterinary medical considerations for the use of nonhuman primates in space research p0009 A78-11669  
 The capuchin monkey as a flight candidate p0009 A78-11671  
 Indomethacin-antihistamine combination for gastric ulceration control [NASA-CASE-ARC-11118-1] p0010 A78-11677  
 Models for interrupted monitoring of a stochastic process [NASA-TM-78453] p0012 A78-11692  
 Walking boot assembly [NASA-CASE-ABC-11101-1] p0066 A78-15690  
 Spacesuit mobility joints [NASA-CASE-ARC-11058-2] p0096 A78-17675  
 The search for extraterrestrial intelligence (SETI) [NASA-SP-419] p0121 A78-18763  
 Sweat collection capsule [NASA-CASE-ARC-11031-1] p0122 A78-18771  
 An inductively powered telemetry system for temperature, PKG, and activity monitoring [NASA-TM-78486] p0181 A78-22720  
 Space ecosystem: An approach to the design of closed ecosystems for use in space [NASA-TM-78491] p0183 A78-23706  
 G-seat system step input and sinusoidal response characteristics [NASA-TM-78478] p0226 A78-26740  
 Tread drum for animals [NASA-CASE-ARC-10917-1] p0227 A78-27733  
 CV 990 interface test and procedure analysis of the monkey restraint, support equipment, and telemetry electronics proposed for Spacelab [NASA-TM-78484] p0228 A78-27736  
 Spacesuit mobility joints [NASA-CASE-ARC-11058-1] p0285 A78-31735  
 Spacesuit torso closure [NASA-CASE-ARC-11100-1] p0285 A78-31736  
 A pilot evaluation of two 6-seat cueing schemes [NASA-TP-1255] p0285 A78-31739  
 Micro-fluid exchange coupling apparatus [NASA-CASE-ABC-11114-1] p0315 A78-33717  
 NATIONAL AERONAUTICS AND SPACE ADMINISTRATION. ELECTRONICS RESEARCH CENTER, CAMBRIDGE, MASS. Some modern control techniques for human operator modeling and identification p0182 A78-23022  
 NATIONAL AERONAUTICS AND SPACE ADMINISTRATION. GODDARD INST. FOR SPACE STUDIES, NEW YORK. Until the sun dies p0084 A78-24100  
 NATIONAL AERONAUTICS AND SPACE ADMINISTRATION. GODDARD SPACE FLIGHT CENTER, GREENBELT, MD. Design of a blood-freezing system for leukemia research [NASA-TP-1165] p0109 A78-18673  
 Rapid, quantitative determination of bacteria in water [NASA-CASE-GSC-12158-1] p0165 A78-22585  
 NATIONAL AERONAUTICS AND SPACE ADMINISTRATION. LYNDON B. JOHNSON SPACE CENTER, HOUSTON, TEX. Apollo-Soyuz light-flash observations p0029 A78-15191  
 Metabolic energy requirements during manned orbital Skylab missions p0029 A78-15198  
 Medically important micro-organisms recovered from Apollo-Soyuz Test Project /ASTP/ crew members p0030 A78-15200  
 Growth-rate periodicity of Streptomyces levoris during space flight p0031 A78-15213  
 Postural equilibrium following exposure to weightless space flight p0035 A78-16014  
 Observations in energy balance in man during spaceflight p0048 A78-17645  
 New dimensions for man [AIAA PAPER 78-325] p0084 A78-24019  
 Effect of prehatching weightlessness on adult fish behavior in dynamic environments p0139 A78-31841  
 Response of the iron-deficient erythrocyte in the rat to hyperoxia p0192 A78-36605  
 Hormonal indices of tolerance to +Gz acceleration in female subjects p0215 A78-41162  
 Manned maneuvering unit - A space platform support system [AIAA PAPER 78-1663] p0295 A78-51990  
 Evaporative water loss in man in a gravity-free environment p0297 A78-52543  
 Automatic control of human thermal comfort with a liquid-cooled garment [NASA-TM-58205] p0013 A78-11704  
 Iodine generator for reclaimed water purification [NASA-CASE-HSC-14632-1] p0062 A78-14784  
 Zone-forming fungi: Experiment HA-147 p0092 A78-17102  
 Microbial exchange: Experiment AR-002 p0092 A78-17103  
 Restraining mechanism [NASA-CASE-HSC-13054] p0097 A78-17677  
 Helmet latching and attaching ring [NASA-CASE-XMS-04670] p0097 A78-17678  
 Protective garment ventilation system [NASA-CASE-XMS-04928] p0097 A78-17679  
 Helmet feedport [NASA-CASE-XMS-09653] p0097 A78-17680  
 Method and apparatus for eliminating luminol interference material [NASA-CASE-HSC-16260-1] p0109 A78-18674



Emergency space-suit helmet  
[NASA-CASE-MSC-10954-1] p0121 N78-18761

Experiment requirements: Vitamin D metabolites  
and bone demineralization, Spacelab 2,  
experiment no. 1  
[NASA-TM-79423] p0145 N78-20757

Method and apparatus for continuous measurement  
of bacterial content of aqueous samples  
[NASA-CASE-MSC-16779-1] p0165 N78-22586

Method and automated apparatus for detecting  
coliform organisms  
[NASA-CASE-MSC-16777-1] p0165 N78-22588

Water quality monitoring system  
[NASA-CASE-MSC-16778-1] p0165 N78-22589

Fluid sample collection and distribution system  
[NASA-CASE-MSC-16841-1] p0166 N78-22590

Summary of past findings in biomedical research  
accumulated during Apollo and Skylab missions  
p0169 N78-22620

Urine collection device  
[NASA-CASE-MSC-16433-1] p0229 N78-27750

Methods for microbiological and immunological  
studies of space flight crews  
[NASA-TM-58185] p0251 N78-29725

SMD 3 post test medical report  
[NASA-TM-79750] p0275 N78-30799

Condition sensor system and method  
[NASA-CASE-MSC-14805-1] p0311 N78-32720

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION. JOHN  
P. KENNEDY SPACE CENTER, COCOA BEACH, FLA.

A prosthesis coupling  
[NASA-CASE-KSC-11069-1] p0181 N78-22721

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.  
LANGLEY RESEARCH CENTER, HAMPTON, VA.

Airline pilot scanning behavior during  
approaches and landing in a Boeing 737 simulator  
p0054 A78-18798

Applications of pilot scanning behavior to  
integrated display research  
p0056 A78-19430

Ride quality criteria of multifactor environments  
p0099 A78-24911

Multichannel electrochemical microbial detection  
unit  
p0137 A78-31300

Ride quality criteria  
p0158 A78-35664

Depth-dose relations for heavy ion  
beams  
p0201 A78-39700

Research in pilot scanning behavior  
p0239 A78-45438

Effectiveness of basic display augmentation in  
vehicular control by visual field cues  
p0271 A78-49262

The effect of helmet leader G-cueing on pilot's  
simulator performance  
[AIAA 78-1573] p0290 A78-50654

Platform motion for fighter simulations  
[AIAA 78-1574] p0290 A78-50655

An investigation of ride quality rating scales  
[NASA-TP-1064] p0012 N78-11696

Advances in sterilization and decontamination:  
A survey  
[NASA-SP-5105] p0085 N78-16587

Drop foot corrective device  
[NASA-CASE-LAR-12259-1] p0121 N78-18762

Instructor and student pilots' subjective  
evaluation of a general aviation simulator  
with a terrain visual system  
[NASA-TM-78698] p0189 N78-23746

A seat cushion to provide realistic acceleration  
cues for aircraft simulator pilots  
[NASA-CASE-LAR-12149-2] p0278 N78-30821

Effect of vibration duration on human discomfort  
[NASA-TP-1283] p0311 N78-32717

Adaptation of time line analysis program to  
single pilot instrument flight research  
[NASA-TM-78748] p0317 N78-33731

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.  
LEWIS RESEARCH CENTER, CLEVELAND, OHIO.

Tissue macerating instrument  
[NASA-CASE-LEW-12668-1] p0061 N78-14773

Toxic substances alert program  
[NASA-TM-73866] p0144 N78-20755

The use of an ion-beam source to alter the  
surface morphology of biological implant  
materials  
[NASA-TM-78851] p0169 N78-22618

Design and performance of heart assist or  
artificial heart control systems  
p0183 N78-23032

Digital enhancement of computerized axial  
tomograms  
[NASA-TM-78974] p0279 N78-31690

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.  
MARSHALL SPACE FLIGHT CENTER, HUNTSVILLE, ALA.

Autoradiographic image intensification -  
Applications in medical radiography  
p0216 A78-41539

Wrist joint assembly  
[NASA-CASE-MPS-23311-1] p0096 N78-17676

End effector device  
[NASA-CASE-MPS-23692-1] p0127 N78-19773

Disposal of radioactive iodine in space  
[NASA-TP-1313] p0285 N78-31740

Pneumatic inflatable end effector  
[NASA-CASE-MPS-23696-1] p0312 N78-32724

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.  
NATIONAL SPACE TECHNOLOGY LABS., BAY SAINT LOUIS,  
MISS.

Compiled data on the vascular aquatic plant  
program, 1975 - 1977  
[NASA-TM-79511] p0223 N78-26715

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.  
PASADENA OFFICE, CALIF.

Biocontamination and particulate detection system  
[NASA-CASE-NPO-13953-1] p0165 N78-22587

Bag for storing whole blood  
[NASA-CASE-NPO-13930-1] p0208 N78-25760

Coupling apparatus for ultrasonic medical  
diagnostic system  
[NASA-CASE-NPO-13935-1] p0208 N78-25761

Process for manufacturing cannula  
[NASA-CASE-NPO-14073-1] p0208 N78-25762

NATIONAL AEROSPACE LAB., AMSTERDAM (NETHERLANDS).

Human monitoring and control behavior models and  
experiments  
[NLR-TR-77010-U] p0226 N78-26737

A theoretical framework to study the effect of  
cockpit information  
[NLR-MP-76014-U] p0227 N78-26745

Pilot workload analysis based upon in-flight  
physiological measurements and task analysis  
methods  
[NLR-MP-76001-U] p0256 N78-29762

Human control and monitoring-models and  
experiments  
[NLR-MP-76015-U] p0256 N78-29763

NATIONAL AVIATION FACILITIES EXPERIMENTAL CENTER,  
ATLANTIC CITY, N. J.

Simulator pilot consoles for WAS enroute and  
ARTS 3 facilities  
[AD-A047567/3] p0126 N78-19769

NATIONAL BIOMEDICAL RESEARCH FOUNDATION,  
WASHINGTON, D. C.

Origins of prokaryotes, eukaryotes,  
mitochondria, and chloroplasts  
p0080 A78-21874

NATIONAL BUREAU OF STANDARDS, BOULDER, COLO.

Measurement of RF power-absorption in biological  
specimens, 10 to 100 MHz  
[PB-274218/7] p0114 N78-18714

NATIONAL BUREAU OF STANDARDS, WASHINGTON, D. C.

Thermal analysis; Human comfort; Indoor  
Environments: Proceedings of a Symposium  
[PB-272862/4] p0069 N78-15704

NATIONAL COMMISSION FOR THE PROTECTION OF HUMAN  
SUBJECTS OF BIOMEDICAL AND BEHAVIORAL RESEARCH,  
BETHESDA, MD.

Transcript of the Meeting Proceedings of  
National Commission for the Protection of  
Human Subjects of Biomedical and Behavioral  
Research  
[PB-279639/9] p0232 N78-27765

Transcripts of the 40th meeting proceedings of  
National Commission for the Protection of  
Human Subjects of Biomedical and Behavioral  
Research  
[PB-279916/1] p0277 N78-30815

NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION,  
WASHINGTON, D. C.

Seat belt performance in 30 M.P.H. barrier impacts  
[PB-269962/7] p0015 N78-11721

NATIONAL INST. FOR OCCUPATIONAL SAFETY AND HEALTH,  
CINCINNATI, OHIO.

Occupational exposure to decomposition products  
of fluorocarbon polymers. Criteria for a

- recommended standard  
[DHEW/PUB/NIOSH-77/193] p0204 N78-24788  
Occupational exposure to polychlorinated biphenyls (PCBS). Criteria for a recommended standard  
[DHEW/PUB/NIOSH-77/225] p0204 N78-24789  
Occupational exposure to refined petroleum solvents. Criteria for a recommended standard  
[DHEW/PUB/NIOSH-77/192] p0204 N78-24790  
Occupational exposure to vanadium. Criteria for a recommended standard  
[DHEW/PUB/NIOSH-77/222] p0204 N78-24791  
Occupational exposure to tungsten and cemented tungsten carbide  
[DHEW/PUB/NIOSH-77/127] p0204 N78-24792  
Proceedings of the international occupational hand-arm vibration conference  
[DHEW/PUB/NIOSH-77/170] p0205 N78-24799  
NATIONAL INST. FOR OCCUPATIONAL SAFETY AND HEALTH, HORGANTOWN, W. VA.  
Silica dust test for respiratory protective devices  
[PB-278019/5] p0227 N78-26746  
NATIONAL INST. FOR PERSONNEL RESEARCH, JOHANNESBURG (SOUTH AFRICA).  
The electroencephalogram in aircrew selection and aviation medicine: A survey of literature  
[CSIR-SR-PERS-268] p0207 N78-25756  
Man-environment studies: A review with an analysis of some techniques for the assessment of environmental perception  
[CSIR-SR-PERS-271] p0277 N78-30817  
NATIONAL INST. FOR WATER RESEARCH, PRETORIA (SOUTH AFRICA).  
Biological testing of water reclaimed from purified sewage effluents  
p0206 N78-25747  
Microbiological quality and epidemiological aspects of reclaimed water  
p0207 N78-25749  
NATIONAL INST. OF DENTAL RESEARCH, BETHESDA, MD.  
Studies on the isolation and identification of hepatitis viruses in water  
p0206 N78-25744  
NATIONAL INSTITUTES OF HEALTH, BETHESDA, MD.  
Metabolic energy requirements during manned orbital Skylab missions  
p0029 A78-15198  
NATIONAL JEWISH HOSPITAL AND RESEARCH CENTER, DENVER, COLO.  
Possible designs of medication monitors  
[PB-278973/3] p0232 N78-27766  
NATIONAL PHYSICAL LAB., TEDDINGTON (ENGLAND).  
Tables for the estimation of noise-induced hearing loss  
[NPL-AC-61-REV] p0188 N78-23743  
Hearing hazard from occupational noise: Observations on a population from heavy industry  
[NPL-AC-80] p0188 N78-23744  
NATIONAL RESEARCH INST. FOR MATHEMATICAL SCIENCES, PRETORIA (SOUTH AFRICA).  
Simulation responses of a control model of human skeletal muscle  
p0179 N78-22701  
A general myocybernetic control model of skeletal muscle  
[CSIR-SR-WISK-290] p0276 N78-30809  
NATIONAL SWEDISH ENVIRONMENT PROTECTION BOARD, STOCKHOLM.  
Toxicology of metals, volume 3  
[PB-280115/7] p0277 N78-30813  
NATIONAL TECHNICAL INFORMATION SERVICE, SPRINGFIELD, VA.  
Night vision and dark adaptation. A bibliography with abstracts  
[NTIS/PS-78/0206/9] p0189 N78-23745  
Biological productivity in fresh water environments, volume 2. A bibliography with abstracts  
[NTIS/PS-78/0293] p0203 N78-24786  
Toxicity of vinyl chloride. A bibliography with abstracts  
[NTIS/PS-78/0442/0] p0225 N78-26730  
Underwater medicine and physiology, volume 2. A bibliography with abstracts  
[NTIS/PS-78/0414/9] p0232 N78-27767  
Human memory. A bibliography with abstracts  
[NTIS/PS-78/0348/9] p0233 N78-27772  
Protective clothing. Part 1: Arctic and tropical environments. A bibliography with abstracts  
[NTIS/PS-78/0371/11] p0250 N78-28812  
Protective clothing. Part 2: Fire and radiation environments. A bibliography with abstracts  
[NTIS/PS-78/0372/9] p0250 N78-28813  
Protective clothing. Part 3: Survival, aircraft, and combat environments. A bibliography with abstracts  
[NTIS/PS-78/0373/7] p0251 N78-28814  
Protective clothing. Part 4: Industrial environments. A bibliography with abstracts  
[NTIS/PS-78/0374/5] p0251 N78-28815  
Biological effects of microwaves. A bibliography with abstracts  
[NTIS/PS-78/0432/1] p0254 N78-29745  
Simulators in education and training, volume 2. A bibliography with abstracts  
[NTIS/PS-78/0378/6] p0255 N78-29752  
Simulators in education and training, volume 3. A bibliography with abstracts  
[NTIS/PS-78/0379/4] p0255 N78-29753  
Biochemical oxygen demand, volume 2. A bibliography with abstracts  
[NTIS/PS-78/0574/0] p0275 N78-30801  
Biochemical oxygen demand, volume 3. A bibliography with abstracts  
[NTIS/PS-78/0575/7] p0276 N78-30802  
Hypothermia. A bibliography with abstracts  
[NTIS/PS-78/0517/9] p0277 N78-30816  
Bionics. A bibliography with abstracts  
[NTIS/PS-78/0550/0] p0279 N78-31693  
Cold weather stress on humans. A bibliography with abstracts  
[NTIS/PS-78/0540/1] p0284 N78-31732  
Altitude hypoxia. A bibliography with abstracts  
[NTIS/PS-78/0443] p0310 N78-32711  
Toxicity of gaseous halogenated organic compounds. A bibliography with abstracts  
[NTIS/PS-78/0600/3] p0310 N78-32712  
Cryobiology. A bibliography with abstracts  
[NTIS/PS-78/0678/9] p0313 N78-33707  
Hyperbaric oxygenation. A bibliography with abstracts  
[NTIS/PS-78/0676/3] p0316 N78-33724  
Anthropometry: Basic studies and applications, volume 2. A bibliography with abstracts  
[NTIS/PS-78/0866/0] p0316 N78-33726  
NAVAL AEROSPACE MEDICAL RESEARCH LAB., NEW ORLEANS, LA.  
Dynamic response of human and primate head and neck to lateral G<sub>y</sub> impact statement  
[PB-275448/9] p0146 N78-20770  
NAVAL AEROSPACE MEDICAL RESEARCH LAB., PENSACOLA, FLA.  
Bidirectional overadaptation achieved by executing leftward or rightward head movements during unidirectional rotation  
p0078 A78-21733  
Postural illusions experienced during Z-axis recumbent rotation and their dependence upon somatosensory stimulation of the body surface  
p0134 A78-29561  
Some influences of touch and pressure cues on human spatial orientation  
p0161 A78-36157  
The effect of caffeine on human dark adaptation  
[AD-A043298] p0095 N78-17665  
The effects of stimulus orientation and response bias upon dynamic visual acuity  
[AD-A047827] p0179 N78-22706  
Motion sickness susceptibility: A retrospective comparison of laboratory tests  
[AD-A053161] p0248 N78-28790  
Is man the weakest link?  
p0286 N78-31746  
NAVAL AIR DEVELOPMENT CENTER, WARRINSTER, PA.  
Acceleration effects on the ability to activate emergency devices in F-4 aircraft  
[AD-A042281] p0015 N78-11715  
Cerebral activation and placement of visual displays  
[AD-A046478] p0067 N78-15698  
Inflatable body and head restraint  
[AD-A046477] p0068 N78-15702  
A personal cooling system for helicopter pilots  
[AD-A047649] p0121 N78-18767

- The human operator simulator: Workload estimation using a simulated secondary task  
p0287 N78-31756
- Operator workload assessment model: An evaluation of a VP/VA-V/STOL system  
p0288 N78-31757
- NAVAL AIR ENGINEERING CENTER, LAKEHURST, N.J.  
Reliability test report. Modular cryogenic generator  
[AD-A054855] p0278 N78-30825
- NAVAL AIR STATION, QUONSET POINT, R.I.  
An investigation of possible correlations between individual pilot performance and neurological functions  
[AD-A045372] p0045 N78-13739
- NAVAL AIR TEST CENTER, PATUXENT RIVER, MD.  
Analysis of flight clothing effects on aircrew station geometry  
[AD-A046260] p0063 N78-14789
- NAVAL CIVIL ENGINEERING LAB., PORT HUENEME, CALIF.  
A finite element head injury model. Volume 2: Computer program documentation  
[AD-A043582] p0012 N78-11693
- A finite element head injury model. Volume 1: Theory, development, and results  
[AD-A043605] p0012 N78-11694
- NAVAL MEDICAL RESEARCH INST., BETHESDA, MD.  
A preliminary human engineering evaluation of hyperbaric control systems  
[AD-A044044] p0040 N78-12661
- Safety considerations in human engineering of hyperbaric equipment  
[AD-A046839] p0068 N78-15701
- Heat stress, work function and physiological heat exposure limits in man  
[AD-A050008] p0146 N78-20767
- NAVAL OCEAN SYSTEMS CENTER, SAN DIEGO, CALIF.  
Resolution requirements for slow-scan television transmission of X-rays. A test report for the remote medical diagnosis system  
[AD-A047870] p0095 N78-17669
- NAVAL POSTGRADUATE SCHOOL, MONTEREY, CALIF.  
Human verbal behavior considerations in the design of voice actuated hardware systems  
[AD-A049925] p0147 N78-20776
- NAVAL RESEARCH LAB., WASHINGTON, D. C.  
Algae, ultraviolet light, and the production of trace gases  
[AD-A049441] p0148 N78-21748
- Evaluation of an electrochemical detector for trace concentrations of hydrazine compounds in air  
[AD-A054636] p0250 N78-28811
- NAVAL SHIP RESEARCH AND DEVELOPMENT CENTER, BETHESDA, MD.  
Biodegradation of shipboard wastewater in collection, holding, and transfer tanks  
[AD-A053643] p0251 N78-29726
- NAVAL WEAPONS CENTER, CHINA LAKE, CALIF.  
Display size and target acquisition performance  
[AD-A054624] p0285 N78-31741
- NAVAL WEAPONS SUPPORT CENTER, CRANE, IND.  
Self diffusion in cells and tissues  
[AD-A053422] p0251 N78-29727
- NAVY EXPERIMENTAL DIVING UNIT, PANAMA CITY, FLA.  
A comparison of the relative merits of Baralyme and Sodasorb  
[AD-A052559] p0206 N78-24804
- NEBRASKA UNIV., LINCOLN.  
Microvascular alterations in hypertension  
p0065 N78-15679
- Development of a single-unit, multioutput sensing element in a force platform for use in biomechanics applications  
p0228 N78-27742
- NEDELANDS INSTITUUT VOOR PREVENTIEVE GENESKUNDE TNO, LEIDEN.  
Effect of alcohol and distraction task on the behavior of a person riding a bicycle simulator  
p0068 N78-15703
- NEUROLOGISCHE KLINIK DER KRUPP KRANKENANSTALTEN, ESSEN (WEST GERMANY).  
Experimental vertigo, ataxia and motion sickness: Visual-vestibular interaction on earth and in space  
p0170 N78-22633
- NEUROLOGISCHE UNIVERSITAETSKLINIK, FREIBURG IM BREISGAU (WEST GERMANY).  
Optically induced self-motion perception  
p0170 N78-22632
- NEVADA UNIV., LAS VEGAS.  
Distribution of phytoplankton in Tennessee lakes  
[PB-280139/7] p0276 N78-30803
- Distribution of phytoplankton in Ohio lakes  
[PB-280140/5] p0276 N78-30804
- NEW MEXICO STATE UNIV., UNIVERSITY PARK.  
Color research for visual displays  
[AD-A043609] p0013 N78-11697
- Input, output, and response blocking in immediate recall  
[AD-A050302] p0147 N78-20771
- NEW MEXICO UNIV., ALBUQUERQUE.  
A comparison of exercise responses of males and females during acute exposure to hypobaria  
p0039 N78-12652
- NEW YORK UNIV., N. Y.  
The visually evoked magnetic field of the human brain  
p0065 N78-15680
- Physiological responses to cold  
[PB-273254/3] p0088 N78-16612
- Females and hot environments  
[PB-273257/6] p0089 N78-16613
- The effect of various augmented visual feedback techniques on adult skeletal muscle  
p0177 N78-22690
- The influence of trace metals in disperse aerosols on the human body burden of trace metals  
p0224 N78-26720
- Effects of stimulus repetition rate and sensation level upon the EEG following response of awake human subjects  
p0224 N78-26722
- Learned voluntary control of systolic blood pressure by spinal cord injury patients  
p0229 N78-27745
- NEW YORK UNIV. MEDICAL CENTER.  
The description of a system to irradiate cells in culture with microwaves  
p0167 N78-22607
- NEWCASTLE-UPON-TYNE UNIV. (ENGLAND).  
Inactivation of enteroviruses and coliphages with ozone in waters and waste waters  
p0206 N78-25745
- NIJMEGEN UNIV. (NETHERLANDS).  
Effects of hard radiation on the visual pigment rhodopsin  
p0172 N78-22645
- NORTH CAROLINA STATE UNIV., RALEIGH.  
A mathematical model of transport and removal of ozone in mammalian lungs  
p0064 N78-15676
- NORTH DAKOTA UNIV., GRAND FORKS.  
An analysis of neuromuscular function at hyperbaric pressures  
p0245 N78-28773
- NORTHEASTERN UNIV., BOSTON, MASS.  
Cardiac output and aortic-pulmonary shunt studies  
p0144 N78-20754
- NORTHBOP CORP., HAWTHORNE, CALIF.  
Prediction, evaluation, and specification of closed loop and multiaxis flying qualities  
[AD-A056983] p0317 N78-33736
- NORTHBOP SERVICES, INC., HOUSTON, TEX.  
Growth-rate periodicity of Streptomyces levoris during space flight  
p0031 A78-15213
- NORTHWESTERN UNIV., EVANSTON, ILL.  
Modelling of oxygen autoregulation in canine skeletal muscle  
p0165 N78-22583
- NOTRE DAME UNIV., IND.  
The activation of human plasminogen by urokinase  
p0086 N78-16594
- NUCLEAR REGULATORY COMMISSION, WASHINGTON, D. C.  
BEIRMOD, a computer program for calculating the effects of exposure to ionizing radiation  
[PB-279584/7] p0254 N78-29747

O

- OAK RIDGE NATIONAL LAB., TENN.  
Materials safety data sheets: The basis for control of toxic chemicals, volume 2  
[OPNL/TM-5722] p0044 N78-13729
- Materials safety data sheets: The basis for control of toxic chemicals, volume 1

## CORPORATE SOURCE INDEX

QEI, INC., BEDFORD, MASS.

- [ORNL/TM-5721-VOL-1] p0044 N78-13730  
Temperature influences on growth of aquatic organisms
- [CO4P-770516-9] p0122 N78-19744  
High resolution ultrasonic scanning of animal and human tissue in-vivo
- [ORNL-TM-5934] p0253 N78-29742  
ORIS: The Oak Ridge Imaging System program listings
- [ORNL/TM-5875-V3] p0283 N78-31722  
OFFICE OF RADIATION PROGRAMS, WASHINGTON, D. C.  
Radiological quality of the environment in the United States, 1977
- [PB-274229/4] p0114 N78-18710  
OHIO STATE UNIV., COLUMBUS.  
Responses of articular and epiphyseal cartilage zones of developing avian radii to estrone treatment and a 2-G environment
- p0134 A78-29562  
A study of physiologically motivated mathematical models for human postural control
- p0040 N78-12655  
An automated saccade analysis system
- p0123 N78-19747  
A cardiac arrhythmia monitoring system
- p0178 N78-22694  
The utility of peripheral vision to motor vehicle drivers
- [PB-278157/3] p0234 N78-27779  
OHIO STATE UNIV. RESEARCH FOUNDATION, COLUMBUS.  
Identification of finite state models of a human operator
- [AD-A053017] p0209 N78-25768  
Cardiovascular, renal and respiratory effects of high intensity, intermediate duration, low frequency vibration
- [AD-A050158] p0247 N78-28784  
OHIO UNIV., ATHENS.  
The effort of noise exposure on the masking level difference
- p0314 N78-33709  
OKLAHOMA STATE UNIV., STILLWATER.  
Porcine malignant hyperthermia: Studies on isolated muscle strips
- p0245 N78-28772  
OKLAHOMA UNIV. HEALTH SCIENCES CENTER, NORMAN.  
An analysis of electrodermal reflex activity
- p0086 N78-16596  
OLD DOMINION UNIV., NORFOLK, VA.  
Depth-dose relations for heavy ion beams
- p0201 A78-39700  
OMNIBUS, INC., VIENNA, VA.  
Manned system performance as a function of display characteristics
- [AD-A045488] p0046 N78-13748  
Research on manned system design using Operator Measures and Criteria (OMAC) data
- [AD-A046464] p0067 N78-15697  
OREGON UNIV., EUGENE.  
Physiological work capacity and efficiency of adults during short duration high intensity work while engaged in a specific low carbohydrate, low calorie diet
- p0087 N78-16602  
OREGON UNIV. HEALTH SCIENCES CENTER, PORTLAND.  
Analytical study of electrophoretic characterization of kidney cells
- [NASA-CR-150790] p0282 N78-31713  
Electrical enhancement of healing in combat injuries to hard and soft tissues
- [AD-A055311] p0282 N78-31718  
ORGANIZATION FOR HEALTH RESEARCH, TWO, AMSTERDAM (NETHERLANDS).  
Activities of the Radiobiological Institute, the Institute for Experimental Gerontology, and the Primate Center
- p0043 N78-13723  
OXFORD UNIV. (ENGLAND).  
Testing the mechanism of gravity sensing in plants
- p0172 N78-22647  
Expected effects of weightlessness on cell ultrastructure
- p0172 N78-22649  
p0174 N78-22662  
PENNSYLVANIA STATE UNIV., UNIVERSITY PARK.  
New microbial growth factor
- p0003 A78-12123  
Release of microorganisms from soil with respect to transmission electron microscopy viewing and plate counts
- p0003 A78-12124  
Survival and reversion of a stable L form in soil
- p0212 A78-40875  
Basic aspects of radiation action on microorganisms
- [COO-2362-26] p0123 N78-19746  
Detection of an octave band of noise as a function of stimulus presentation
- [AD-A053756] p0231 N78-27760  
PENNSYLVANIA UNIV., PHILADELPHIA.  
Mutations of sunflower seedlings on tilted clinostats
- p0031 A78-15209  
Measurement of passive electrical properties of muscle: Techniques and applications
- p0061 N78-14774  
Pulmonary arterial tree: Architectural and functional design
- p0087 N78-16603  
A new approach to ventricular dynamics: The flow-pulse response
- p0143 N78-20749  
Work Capability and physiological effects predictive studies. 4: In He-02 excursions to pressures of 400- 800- 1200- and 1600 feet of sea water
- [NASA-CR-157571] p0282 N78-31714  
PERMANENT COMMISSION AND INTERNATIONAL ASSOCIATION OF OCCUPATIONAL HEALTH. SUBCOMMITTEE ON THE TOXICOLOGY OF METALS.  
Toxicology of metals, volume 3
- [PB-280115/7] p0277 N78-30813  
PETER BENT BRIGHAM HOSPITAL, BOSTON, MASS.  
Effects of exercise and excitement on mesenteric and renal dynamics in conscious, unrestrained baboons
- p0104 A78-27124  
Extent of utilization of the Frank-Starling mechanism in conscious dogs
- p0154 A78-33522  
PITTSBURGH UNIV., PA.  
Further investigation of the spontaneous and evoked activity of the primary neurons of statoreceptors (and other receptors) of the labyrinth of the bullfrog before, during and after an extended period of weightlessness, including alternative intervals of artificial gravity
- [NASA-CR-154507] p0005 N78-10684  
The effect of gravity on the static and dynamic properties of single vestibular units investigated in the bull frog by means of a vestibular orbital laboratory (VOL).
- p0171 N78-22636  
PROFESSIONAL STAFF ASSOCIATION OF LOS ANGELES COUNTY/-UNIV. OF SOUTHERN CALIFORNIA MEDICAL CENTER, LOS ANGELES.  
Behavior, ecology and toxicity of venomous marine fishes
- [AD-A054925] p0279 N78-31692  
PURDUE UNIV., LAFAYETTE, IND.  
Some observations on the human visual perception system and their relevance to computer vision research
- [PB-277938/7] p0225 N78-26729  
Evaluation of several methods of establishing plant cover by seeding on the roadside
- [PB-278275/3] p0228 N78-27739  
Auditory frequency selectivity and two-tone suppression in normal hearing human listeners
- p0308 N78-32697

## P

- PARIS UNIV. (FRANCE).  
Responses of the frog to angular accelerations in weightlessness
- p0171 N78-22640  
PARIS VI UNIV. (FRANCE).  
Geoperception in lentil roots

## Q

- QEI, INC., BEDFORD, MASS.  
Research in support of joint Army-Navy air crew impact injury prevention program
- [AD-A053437] p0233 N78-27775

QUEENSBOROUGH COMMUNITY COLLEGE, BAYSIDE, N. Y.  
A multiparameter time domain averaging model of  
the human operator  
[AD-A054676] p0256 N78-29758

## R

RANDOLPH, INC., HUNTINGDON VALLEY, PA.  
Behavioral effects of electromagnetic energy  
p0166 N78-22592

RENSSELAER POLYTECHNIC INST., TROY, N. Y.  
Photochemical synthesis of organic compounds on  
Jupiter initiated by the photolysis of ammonia  
p0028 A78-15187

Annoyance by aircraft noise and fear of  
overflying aircraft in relation to attitudes  
toward the environment and community  
p0196 A78-37535

The 70 S monosome accumulation and in vitro  
initiation complex formation by Escherichia  
coli ribosomes at 5 C  
[NASA-CR-157591] p0279 N78-31691

RESEARCH INST. OF NATIONAL DEFENCE, STOCKHOLM  
(SWEDEN).

Can attention be diverted?  
[RAE-LIB-TRANS-1936] p0181 N78-22715

Influence of microwaves within the thermal  
intensity range in mice. Weight, rectal  
temperature, respiration, tread mill activity,  
reaction of senses, and learning  
[FOA-C-54018-H2(H6)] p0252 N78-29730

Metabolism of 181W-labeled sodium tungstate in  
goats  
[FOA-C-40070-A3] p0252 N78-29732

Comparison between flight test data and data  
from a theoretical model for the discovery of  
a ground target from the air  
[FOA-C-56010-H9(H6)] p0255 N78-29751

Medical evaluation of 2-pressure suit used in  
explosive decompressions up to 20,000 m altitude  
[FOA-A-59002-H3] p0256 N78-29761

Correlations between night vision tests  
[FOA-C-56014-H9] p0283 N78-31726

RESEARCH INST. OF NATIONAL DEFENCE, SUNDBYBERG  
(SWEDEN).

Milk secretion of Zn-65 in the goat after oral  
intake of radiozinc  
[FOA-C-40069-A3] p0252 N78-29731

Toxicological investigation of zinc and titanium  
smoke compositions. A literature study  
[FOA-C-40072-H2] p0254 N78-29744

ROCHESTER UNIV., N. Y.  
Psychophysical studies of the contribution of  
chromatic mechanisms to the visual perception  
of borders 3  
p0041 N78-12667

Bone cell collagenase  
p0086 N78-16597

Biological effects of low levels of radiation  
exposure  
[UR-3490-1072] p0146 N78-20768

Neuroendocrine responses in the rat and dog  
exposed to 2450 MHz (CW) microwaves  
[UR-3490-1080] p0168 N78-22609

Biological effects of ionizing radiation at the  
molecular, cellular, and organismal levels  
[TID-28055] p0223 N78-26718

Health and safety of high voltage transmission  
lines  
[UR-3490-1255] p0248 N78-28792

X-ray analysis of biological specimens  
[UR-3490-1341] p0313 N78-33704

ROCKWELL INTERNATIONAL CORP., ANAHEIM, CALIF.  
Analysis of crew/cockpit models for advanced  
aircraft  
[AD-A054957] p0278 N78-30824

ROME UNIV. (ITALY).  
Three-dimensional ballistocardiography in  
weightlessness  
p0169 N78-22624

The Critical Central Retinal Fusion Frequency  
(CCRF) as a test of the retinal circulatory  
function and its relation with encephalic  
circulation  
p0172 N78-22643

ROSENSTIEL SCHOOL OF MARINE AND ATMOSPHERIC  
SCIENCES, MIAMI, FLA.

Sulfate reduction and methanogenesis in marine  
sediments

ROSWELL PARK MEMORIAL INST., BUFFALO, N. Y.  
Computer display and manipulation of biological  
molecules  
p0081 A78-23474

ROUEN UNIV. (FRANCE).  
Influence of gravity and weightlessness on  
maturation of the equilibrium function  
p0171 N78-22639

ROYAL AIR FORCE, WROUGHTON (ENGLAND).  
The UK approach to alcoholism in air crew  
p0094 N78-17661

ROYAL AIR FORCE INST. OF AVIATION MEDICINE,  
FARNBOROUGH (ENGLAND).  
Possible mechanisms of motion and space sickness  
p0170 N78-22631

Auditory communication and workload  
p0287 N78-31749

Pitch and formant analysis of the voice in the  
investigation of pilot workshop  
p0287 N78-31750

ROYAL AIRCRAFT ESTABLISHMENT, FARNBOROUGH (ENGLAND).  
Head and neck mobility of pilots measured at the  
eye  
[ARC-R/M-3803] p0062 N78-14781

In-flight recording of helicopter pilot activity  
p0090 N78-16624

Human tolerance of repeated shocks  
p0174 N78-22667

Can attention be diverted?  
[RAE-LIB-TRANS-1936] p0181 N78-22715

The effect of the benzodiazepine adumbran on the  
resting and sleep EEG and on the visual evoked  
potential in adult man  
[RAE-LIB-TRANS-1906] p0187 N78-23736

The transmission of vertical vibration to the  
heads and shoulders of seated men  
[RAE-TR-77068] p0189 N78-23750

Human engineering evaluation of a man-machine  
system for system optimization-illustrated by  
a cockpit evaluation  
[RAE-LIB-TRANS-1952] p0226 N78-26742

The vibrating environment in transport vehicles:  
A critical bibliographical study  
[RAE-LIB-TRANS-1917] p0285 N78-31738

RUTGERS - THE STATE UNIV., NEW BRUNSWICK, N. J.  
The effect of acute arterial hypoxia on the  
parameters of O2 supply and demand in the  
resting gracilis muscle of the anesthetized dog  
p0085 N78-16589

Model-based hemodynamic indicators of left  
ventricular performance in acute myocardial  
infarction  
p0178 N78-22693

## S

SALK INSTITUTE FOR BIOLOGICAL STUDIES, SAN DIEGO,  
CALIF.

Formation of nucleoside 5-prime-phosphoramidates  
under potentially prebiological conditions  
p0049 A78-17853

SAN FRANCISCO UNIV., CALIF.  
Effect of carbon monoxide and nitrogen dioxide  
on ICR mice  
p0081 A78-22494

Studies with the USP/NASA toxicity screening  
test method - Oxygen concentrations with  
various test conditions  
p0081 A78-22496

Reproducibility of toxicity test data as a  
function of mouse strain, animal lot, and  
operator  
p0191 A78-36599

Micro-fluid exchange coupling apparatus  
[NASA-CASE-ARC-11114-1] p0315 N78-33717

SAN JOSE STATE UNIV., CALIF.  
Chemical interpretation of Viking Lander 1 life  
detection experiment  
p0049 A78-25560

Chemical evolution and the origin of life -  
Bibliography supplement 1976  
p0303 A78-53875

Vestibular-visual interactions in flight  
simulators  
[NASA-CR-155204] p0006 N78-10692

SANDIA LABS., ALBUQUERQUE, N. MEX.  
Human reliability analysis of dependent events  
[SAND-77-1396C] p0233 N78-27771

- SANTA CLARA UNIV., CALIF.**  
Peptide formation in the prebiotic era - Thermal condensation of glycine in fluctuating clay environments p0215 A78-41220
- The metabolism of carbohydrates by extremely halophilic bacteria - The identification of lactobionic acid as a product of lactose metabolism by *Halobacterium saccharovorum* p0301 A78-53619
- SCHOOL OF AEROSPACE MEDICINE, BROOKS AFB, TEX.**  
The rhesus (*Macaca mulatta*) and crab-eating (*Macaca fascicularis*) monkeys in cardiovascular and aerospace research p0011 A78-11680
- Aircrew fatigue in nonstop, transoceanic tactical deployments p0091 A78-16628
- PF cell culture irradiation system with controlled temperature and field strength [PB-274793/9] p0114 A78-18712
- RF radiation absorption patterns: Human and animal modeling data [PB-274749/1] p0124 A78-19755
- Altitude decompression sickness: Review of concepts in primary care [AD-A050849] p0253 A78-29737
- Corneal damage thresholds for infrared laser exposure: Empirical data, model predictions, and safety standards [AD-A049946] p0253 A78-29739
- Molecular sieve generation of aviator's oxygen: Breathing gas composition as a function of flow, inlet pressure, and cabin altitude [AD-A054240] p0278 A78-30822
- Preliminary analysis of available inflight respiratory data [AD-A054241] p0278 A78-30823
- Mathematical analysis and computer simulation in military mission workload assessment p0288 A78-31758
- SCIENCE APPLICATIONS, INC., ARLINGTON, VA.**  
Biocybernetics experiment: Command and control human factors experimental program [AD-A055666] p0310 A78-32710
- SCIENCE APPLICATIONS, INC., ENGLEWOOD, COLO.**  
Man-machine interface analysis of the flight design system [NASA-CR-151812] p0255 A78-29754
- SCIENTIFIC TRANSLATION SERVICE, SANTA BARBARA, CALIF.**  
Water-salt exchange during bedrest of varying duration [NASA-TN-75077] p0065 A78-15693
- SEVILLE RESEARCH CORP., PENSACOLA, FLA.**  
US Navy fleet aviation training program development [AD-A055788] p0284 A78-31734
- SIEMENS A.G., ERLANGEN (WEST GERMANY).**  
Bioelectrodes as sensors and as power sources for implantable medical devices [BMFT-FB-T-77-44] p0253 A78-29736
- SIKORSKY AIRCRAFT, STRATFORD, CONN.**  
The effects of cockpit environment on long-term pilot performance p0003 A78-12450
- SOUTH AFRICAN BUREAU OF STANDARDS, PRETORIA.**  
Standard specification for the production of men's derby type safety boots (sewn, riveted, screwed, and stitched) [SABS-437-1977] p0205 A78-24795
- Standard specification for safety belt assemblies, harnesses, and lap belts for use in motor vehicles [SABS-724-1977] p0205 A78-24796
- Standard specification for the production of men's protective shoes with stuck-on pre-moulded unit soles and heels [SABS-1167-1977] p0208 A78-25764
- Standard specification for the production of men's protective shoes with direct vulcanized soles and heels [SABS-1168-1977] p0208 A78-25765
- SOUTHERN RESEARCH INST., BIRMINGHAM, ALA.**  
Study of reactive materials for development of new protective clothing concepts [AD-A054877] p0279 A78-30826
- SOUTHWEST RESEARCH INST., SAN ANTONIO, TEX.**  
Equipment development for automatic anthropometric measurements [NASA-CR-151723] p0207 A78-25757
- SRI INTERNATIONAL CORP., MENLO PARK, CALIF.**  
Study to design and develop remote manipulator systems [NASA-CR-152092] p0090 A78-16620
- STANFORD LINEAR ACCELERATOR CENTER, CALIF.**  
Biomagnetism: A review [SLAC-PUB-1984] p0224 A78-26719
- STANFORD RESEARCH INST., MENLO PARK, CALIF.**  
Assessment of future national and international problem areas. Volume 2: The effects of stress on individuals and society [SRI-77-206-VOL-2] p0043 A78-13726
- STANFORD UNIV., CALIF.**  
Lander imaging as a detector of life on Mars p0002 A78-11437
- Serotonin involvement in pituitary-adrenal function p0267 A78-48575
- Biocybernetic factors in human perception and memory [AD-A043773] p0007 A78-10702
- Superconducting magnetometry for the detection of heart disease [PB-271950/8] p0044 A78-13735
- Knowledge-based adaptive curriculum sequencing for CAI: Application of a network representation [AD-A047090] p0089 A78-16619
- Totally implantable bidirectional pulsed Doppler blood flow telemetry: Integrated timer-exciter circuitry and Doppler frequency estimation p0093 A78-17650
- A nonlinear model of the human EEG signal during photic stimulation p0093 A78-17651
- Totally implantable bidirectional pulsed Doppler blood flow telemetry: Integrated ultrasonic receiver, diameter detection, and volume flow estimation p0144 A78-20753
- Noninvasive determination of bone stiffness p0177 A78-22687
- Development of prediction models for effort levels in manual jobs p0226 A78-26739
- A miniature integrated circuit accelerometer for biomedical applications p0229 A78-27748
- A silicon absolute pressure transducer for biomedical applications p0229 A78-27749
- Diagnostic improvements in medical ultrasonic imaging systems p0281 A78-31710
- A comparison of control modes for time delayed remote manipulation p0285 A78-31737
- STATE UNIV. OF NEW YORK, BUFFALO.**  
Normobaric hyperoxia: A new look p0246 A78-28779
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Morphogenetic responses of cultured totipotent cells of carrot *Daucus carota* var. *carota* at zero gravity p0135 A78-30296
- Is gravity a morphological determinant in plants at the cellular level p0269 A78-48699
- STATE UNIV. OF NEW YORK AT BUFFALO, AMHERST.**  
Assessment of pancreas cells [NASA-CR-151744] p0228 A78-27737
- The interaction of thrombin and platelets p0229 A78-27746
- SWEDISH AIR FORCE, STOCKHOLM.**  
Vestibular tests during space flight p0171 A78-22635
- SYRACUSE RESEARCH CORP., N. Y.**  
Information profiles on potential occupational hazards [PB-276678/0] p0180 A78-22712
- SYRACUSE UNIV., N. Y.**  
Particle deposition in bends and repeatedly bifurcating tubes p0086 A78-16592
- The psychophysical tuning curve: A parametric study p0276 A78-30807

## SYSTEM DEVELOPMENT CORP., EDWARDS, CALIF.

- Analysis of responses of cold pressor tests on pilots and executives  
[NASA-CR-143847] p0006 N78-10693
- An analysis of flight data from aircraft landings with and without the aid of a painted diamond on the same runway  
[NASA-CR-143849] p0067 N78-15692
- SYSTEMS RESEARCH LABS., INC., DAYTON, OHIO.  
Visually evoked brain potentials as aids in display design  
[AD-A043853] p0008 N78-10707
- SYSTEMS TECHNOLOGY, INC., HAWTHORNE, CALIF.  
An introduction to V/STOL technology affecting the pilot's role  
[AD-A048214] p0121 N78-18765

## T

## TECHNION - ISRAEL INST. OF TECH., HAIFA.

- Effectiveness of basic display augmentation in vehicular control by visual field cues  
p0271 A78-49262
- Coliphages survival as viral indicator in various wastewater quality effluents  
p0207 N78-25748
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p0207 N78-25750

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- Determination of stress and strain of air traffic control officers  
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[TM-TM-77-009] p0113 N78-18707

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Correlations between physiological parameters and operational performance  
p0287 N78-31753

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[NASA-CR-151688] p0148 N78-21752

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- Ocular hazards of picosecond and repetitive-pulsed lasers. Volume 1: Nd YAG laser (1064 nm)  
[AD-A053765] p0230 N78-27758
- Ocular hazards of picosecond and repetitive-pulsed lasers. Volume 2: Argon-ion laser (514.5 nm)  
[AD-A053766] p0231 N78-27759
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[AD-A055650] p0282 N78-31719

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- A new method for determining the active force system in lower limbs during human locomotion  
p0179 N78-22702

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- Effect of dehydration on erythropoiesis in mice - Relevance to the 'anemia' of space flight  
p0242 A78-46414
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[AD-A057161] p0317 N78-33735

## TEXAS A&amp;M UNIV., COLLEGE STATION.

- Vibration, performance, and personality  
p0066 N78-15689

## Locomotor behavior of fish hatched from embryos

- exposed to flight conditions  
[NASA-CR-151633] p0122 N78-19742
- Dynamic behavior of the visual tract  
p0143 N78-20748

## Compression of rehydratable vegetables and cereals

- [NASA-CR-151727] p0209 N78-25766

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Problems arising from the use of standardized variables  
[AD-A047892] p0096 N78-17674

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p0087 N78-16599
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p0093 N78-17654

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[AD-A045817] p0113 N78-18703

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p0232 N78-27768

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- The chimpanzee as a flight candidate  
p0010 N78-11675

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[NASA-CR-151822] p0275 N78-30796

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- An evaluation of the fluidic oxygen partial pressure sensor  
[AD-A055362] p0286 N78-31743

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p0229 N78-27744

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p0168 N78-22613

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- Acute changes in inner ears of laboratory animals caused by simulated sonic booms  
[UTIAS-211] p0039 N78-12649

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- General remarks and techniques for space cell biology  
p0173 N78-22659

## TRACOR Jitco, INC., ROCKVILLE, MD.

- Formation and management of an expert toxicological review team for literature search, evaluation and organization of currently available rapid toxicological tests, volume 1  
[AD-A056311] p0315 N78-33718

- Formation and management of an expert toxicological review team for literature search, evaluation and organization of currently available rapid toxicological tests, volume 2  
[AD-A056312] p0315 N78-33719

## TRANSPORTATION SYSTEMS CENTER, CAMBRIDGE, MASS.

- Summary report: Workshop on Vehicle Ride Quality  
[NASA-CR-2013] p0013 N78-11705

- Accomplishments in ride quality research: Present and near future  
p0014 N78-11706

- Needs of the transportation community: Present and near future  
p0014 N78-11707

Ride quality research techniques: Section on  
general techniques p0014 N78-11708

Ride quality research techniques: Section on  
scaling techniques p0014 N78-11709

Ride control techniques p0014 N78-11710

On scaling techniques p0014 N78-11711

TRW SYSTEMS, REDONDO BEACH, CALIF.  
Detection of optical asymmetry in amino acids by  
gas chromatography for extraterrestrial space  
exploration - Results of a new soil processing  
scheme with breadboard instrumentation p0027 A78-15179

TULANE UNIV., NEW ORLEANS, LA.  
The squirrel monkey as a candidate for space  
flight p0010 N78-11676

Modeling and control of the human head-neck  
response under impact acceleration p0062 N78-14785

TUSKEGEE INST., ALA.  
Cosmic ray effects on the eyes of rats flown on  
Cosmos no. 782, Experiment K-007 p0078 A78-21736

## U

UMPQUA RESEARCH CO., MYRTLE CREEK, ORE.  
Water system microbial check valve development  
[NASA-CR-151678] p0181 N78-22719

UNILEVER RESEARCH, VLAARDINGEN (NETHERLANDS).  
Dietary fats and arterial thrombosis: Effects  
and mechanism of action p0180 N78-22711

UNION COLL., SCHENECTADY, N.Y.  
The artificial gill: A study of its  
development, theory of operation, humanistic  
aspects, and design p0276 N78-30805

UNITED AIRCRAFT CORP., EAST HARTFORD, CONN.  
Restraining mechanism p0097 N78-17677

[NASA-CASE-MSC-13054] p0097 N78-17677

Helmet latching and attaching ring p0097 N78-17678

[NASA-CASE-XMS-04670] p0097 N78-17679

Protective garment ventilation system p0097 N78-17679

[NASA-CASE-XMS-04928] p0097 N78-17680

Helmet feedport p0097 N78-17680

[NASA-CASE-XMS-09653] p0121 N78-18761

Emergency space-suit helmet p0121 N78-18761

[NASA-CASE-MSC-10954-1] p0121 N78-18761

UNITED TECHNOLOGIES CORP., WINDSOR LOCKS, CONN.  
Preliminary design of an accident information  
retrieval system (AIRS) N78-31952

[AD-A055590] N78-31952

UNIVERSITY CITY SCIENCE CENTER, PHILADELPHIA, PA.  
Mutations of sunflower seedlings on tilted  
clinostats p0031 A78-15209

UNIVERSITY COLL., CARDIFF (WALES).  
Circumnutation and gravity p0172 N78-22646

UNIVERSITY OF SOUTHERN CALIF., LOS ANGELES.  
Analysis of pulsatile, viscous blood flow  
through diseased coronary arteries of man p0035 A78-16013

UTAH STATE UNIV., LOGAN.  
A critical evaluation of the application of  
amino acid racemization to geochronology and  
geothermometry p0026 A78-14682

UTAH UNIV., SALT LAKE CITY.  
Sensory information processing p0089 N78-16618

[AD-A047200] p0089 N78-16618

Processing of echocardiographic data for  
automatic detection of moving heart structures p0228 N78-27741

## V

VERMONT UNIV., BURLINGTON.  
Radiographic and biomechanical studies of the  
human spine p0149 N78-21758

[AD-A049984] p0149 N78-21758

VETERANS ADMINISTRATION HOSPITAL, KANSAS CITY, MO.  
Microwave hyperthermia and visually evoked  
potentials: Preliminary observations of

guinea pigs p0166 N78-22596

VIRGINIA INST. OF MARINE SCIENCE, GLOUCESTER POINT.  
Phytoplankton sampling in quantitative baseline  
and monitoring programs p0252 N78-29733

[PB-279644/9] p0252 N78-29733

VIRGINIA POLYTECHNIC INST. AND STATE UNIV.,  
BLACKSBURG.  
Temporal encoding in the visual system p0144 N78-20752

VIRGINIA UNIV., CHARLOTTESVILLE.  
Physiologic regulation of body energy storage p0219 A78-42817

Rat growth during chronic centrifugation p0268 A78-48640

Retinal rod outer segment discs: A study of  
membrane structure and function p0087 N78-16601

Retinal rod outer segment discs: A study of  
membrane structure and function p0123 N78-19750

Analysis and synthesis of a fluid-powered  
intelligent industrial robot end effector with  
tactile sensors p0147 N78-20772

Seagrass literature survey p0252 N78-29729

[AD-A054480] p0252 N78-29729

## W

WALTER REED ARMY INST. OF RESEARCH, WASHINGTON, D.C.  
The need for drug and alcohol programs that are  
unique to military organizations p0094 N78-17659

WASHINGTON UNIV., SEATTLE.  
Inhibition of bone formation during space flight p0292 A78-51225

X-ray photogrammetric analysis of skeletal  
spatial motions p0061 N78-14775

RF cell culture irradiation system with  
controlled temperature and field strength p0114 N78-18712

[PB-274793/9] p0114 N78-18712

RF radiation absorption patterns: Human and  
animal modeling data p0124 N78-19755

[PB-274749/1] p0167 N78-22599

Quantitation of microwave biological effects p0167 N78-22599

Total body calcium analysis using the Ca-42(n,  
alpha) Ar-37 reaction p0178 N78-22696

[NASA-CR-151675] p0178 N78-22696

WATERLOO UNIV. (ONTARIO).  
Acute changes in inner ears of laboratory  
animals caused by simulated sonic booms p0039 N78-12649

[UTIAS-211] p0039 N78-12649

WAYNE STATE UNIV., DETROIT, MICH.  
The effect of energy absorbing devices on spinal  
loads resulting from minus G(x) acceleration p0181 N78-22717

Human factors requirements for fingertip reach  
controls p0250 N78-28808

[PB-278811/5] p0250 N78-28808

The interaction between the utricles and the  
semicircular canals during eccentric rotation p0314 N78-33714

WEBB ASSOCIATES, YELLOW SPRINGS, OHIO.  
Comparative anthropometry of air standardization  
coordinating committee personnel for equipment  
design: Helmets p0209 N78-25771

[AD-A052893] p0209 N78-25771

WEST FLORIDA UNIV., PENSACOLA.  
A note on the tissue star dose in personnel  
radiation monitoring in space p0208 N78-25758

[NASA-CR-151724] p0208 N78-25758

WESTINGHOUSE ELECTRIC CORP., PITTSBURGH, PA.  
State-of-the-art in adaptable-programmable  
assembly systems p0015 N78-11718

[PB-270054/0] p0015 N78-11718

WINTEC CORP., LOS ANGELES, CALIF.  
Design of high pressure oxygen filter for  
extravehicular activity life support system,  
volume 1 p0062 N78-14786

[NASA-CR-151571] p0062 N78-14786

Design of high pressure oxygen filter for  
extravehicular activity life support system.  
Volume 2: Test data p0063 N78-14787

[NASA-CR-151572] p0063 N78-14787

WISCONSIN UNIV. - MADISON.  
Pulmonary adaptation to high altitude



- [AD-A049857] p0246 N78-28783  
WISCONSIN UNIV., MADISON.  
Effect of space flight on cell-mediated immunity p0018 A78-13270  
Interactive modeling and analysis of dynamic  
systems with applications to the  
musculoskeletal structure p0007 N78-10703  
Ventilation-perfusion ratio distributions from  
multiple inert-gas elimination data:  
Mass-spectrometer measurement and nonlinear  
parameter estimation p0093 N78-17652  
Dynamics of the eye and head during movement  
between displays: A qualitative and  
quantitative guide for designers p0208 N78-25763  
[AD-A052753]  
WITWATERSRAND UNIV., JOHANNESBURG (SOUTH AFRICA).  
Modelling the thermal effects of blood flow in  
human skin p0179 N78-22703  
Dysfunctioning of the fluid mechanical  
craniospinal systems as revealed by  
stress/strain diagrams p0179 N78-22704  
WOODS HOLE OCEANOGRAPHIC INSTITUTION, MASS.  
Marine microbiology p0043 N78-13722  
[COO-3565-08]  
WORLD HEALTH ORGANIZATION, GENEVA (SWITZERLAND).  
Symposium on Biological Effects and Measurement  
of Radio Frequency/Microwaves p0166 N78-22591  
[HEW-PUBL-(FDA)-77-8026]  
WYOMING UNIV., LARAMIE.  
Spectral analysis of auditory evoked potentials  
with pseudorandom noise excitation p0177 N78-22688

## Y

- YALE UNIV., NEW HAVEN, CONN.  
Brain monoamines and temperature regulation p0123 N78-19749  
YUGOSLAV ACADEMY OF SCIENCES AND ARTS, ZAGREB.  
Biological effects of manganese p0203 N78-24787  
[PB-277169]  
Biological significance of some metals as air  
pollutants. Part 2: Mercury p0277 N78-30814  
[PB-279670/4]

## Z

- ZURICH UNIV. (SWITZERLAND).  
Radiobiological effects at low doses. The role  
of spatial and temporal energy distribution p0173 N78-22654

# **AEROSPACE MEDICINE AND BIOLOGY**

**A CONTINUING BIBLIOGRAPHY**

**Abstracts**

**January—December 1978**

## **TABLE OF CONTENTS**

<b>SP-7011 Supplement</b>	<b>Page</b>
<b>177 .....</b>	<b>1</b>
<b>178 .....</b>	<b>17</b>
<b>179 .....</b>	<b>47</b>
<b>180 .....</b>	<b>71</b>
<b>181 .....</b>	<b>99</b>
<b>182 .....</b>	<b>129</b>
<b>183 .....</b>	<b>153</b>
<b>184 .....</b>	<b>191</b>
<b>185 .....</b>	<b>211</b>
<b>186 .....</b>	<b>235</b>
<b>187 .....</b>	<b>257</b>
<b>188 .....</b>	<b>289</b>

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